







# SHAPING THOSE WHO SHAPE THE FUTURE



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# IMRANKHAN'S MESSAGE

If we are to have a balanced society, people must be provided with equal opportunities to grow and prosper in life. Availability of quality higher education creates such opportunities. If we make higher education available and affordable for our talented youth, it will lay the foundation for a vibrant and growing society enabling us to stand amongst the leading nations.

Namal College near Mianwali is exactly that kind of equal opportunity for the marginalized rural youth. I am under no illusion that it is a huge challenge to set up a centre of excellence in such a remote location. It will require huge amount of funds to make it a university of international standards.

I want to see more than half of the students in the university coming from less privileged backgrounds benefitting through scholarships, who in our present elitist education system cannot dream of having access to high quality education.

With a diverse student body, majority of them being supported through financial assistance, increasing number of PhD faculty members and encouraging response from the employers of our graduates, Namal College is moving rapidly towards our vision of becoming a centre of academic excellence in the region for rural development. Success of this college is the first milestone in our eventual goal of creating the largest Knowledge City of Pakistan in Namal.

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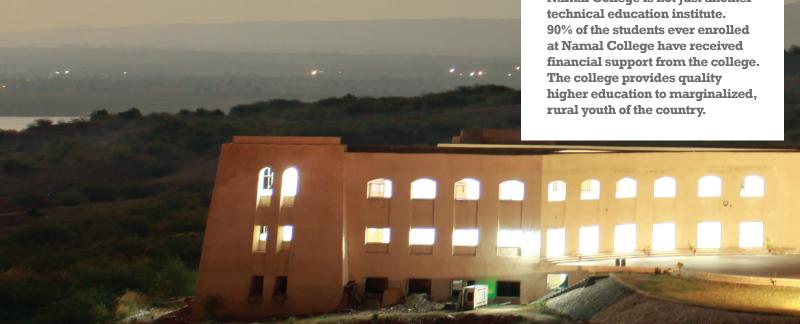
## **VISION STATEMENT**

TO BECOME A CENTER OF ACADEMIC EXCELLENCE IN THE REGION FOR RURAL DEVELOPMENT

## INTRODUCTION OF

# NAMAL

Namal College is not just another technical education institute. 90% of the students ever enrolled at Namal College have received The college provides quality higher education to marginalized, rural youth of the country.



## THE PAST

Founded by Imran Khan in 2008, the college began its humble beginnings as a technical training and diploma awarding institute. Within this brief period, it now awards University of Bradford undergraduate degrees to its students. It is an associate college of University of Bradford, having an advisory relationship with LUMS.

## THE PRESENT

Presently, the college offers two academic programs: four-year undergraduate engineering degree program, namely BEng (Hons) in Electrical and Electronic Engineering and a four-year computer sciences undergraduate program of BSc (Hons) in Computer Science.

One of the most impressive developments of the college is that its student body hails from 47 districts of Pakistan. Built in a scenic location, Imran Khan's vision behind Namal College is to create an educational sanctuary where teaching and research can be done in a supportive environment.

## THE FUTURE

Namal College is the first milestone in the realization of a bigger vision: the creation of Namal Knowledge City. By 2020, this knowledge city shall feature 7 different colleges, separate residence for faculty and students and amenities like mosques and activity clubs.

Insha'Allah we intend to make Namal College/ University into a world class education city, which will play a vital role in rural uplift and entrepreneurship to create a brighter future for the youth of Pakistan.



## **ALUMNI**

The first batch of the college had graduated in 2012 and the second batch of the college has graduated in September, 2013. Of the 55 graduating students, 60% are currently employed in prestigious organizations of public as well as private sectors. Another 20% have opted to seek further education in their respective fields. The alumni that have opted to study further have also got admissions in recognized institutes such as Ghulam Ishaq Khan Institute (GIKI). Some others have successfully obtained admissions in foreign universities.

## **IDEOLOGY**

The Vision of Namal College is to become a center of academic excellence in the region for rural development. It leads us to empowering the youth who will contribute their energies to uplift organizations and communities. It is our goal to embody Values of Namal College in the graduates so they can become responsible and productive part of the society. Namal College provides opportunities for education and professional development for disadvantaged areas. It will help to carry out indigenous research for knowledge generation and dissemination, based on the context of rural setting.

## **LOCATION**

Located at a short distance outside the city of Mianwali, on the Talagang-Mianwali Road, which connects to Islamabad & Lahore through Motorway and Waziristan, tribal areas, and eventually Karachi through Indus Highway. The College is set on a beautiful countryside at the edge of Namal Lake which came into being in 1913. The two storey building, covering an area of 62,500 sq. ft., houses the college administration, computer science and electrical engineering departments, together with library, cafeteria and laboratories.

## **VALUES OF NAMAL COLLEGE:**

- **INTEGRITY**
- **EXCELLENCE**
- MERIT
- **TOLERANCE**
- **SOCIAL RESPONSIBILITY**
- COMMITMENT

## **BOGs AND ADVISORY COMMITTEE**

The Board of Governors and Advisory Committee comprise of following members.

## BOARD OF GOVERNORS INFORMATION



#### Mr. Imran Khan

- Chairman, Namal College
- Founding Chairman, Board of Governors at Shaukat Khanum Memorial Cancer Hospital & Research Centre



### Mr. Abdul Razak Dawood

- · Vice-Chairman, Namal College
- Rector, LUMS
- · Chairman, DESCON GROUP



#### Prof. Dr. Atta-ur-Rehman

- Board Member, Namal College
- Former Chairman, Higher Education Commission, Pakistan (2002–2008)
- Fellow, Kings College, Cambridge University (1969– 1973, 2007- for Life)
- Former Federal Minister of Science & Technology (2000–2002)
- Formal Federal Minister of Education (2002)



#### Mr. Sikander Mustafa Khan

- Board Member, Namal College
- · Chairman, Millat Tractors
- Board Member at LUMS



#### Ms. Aleema Khanum

- Board Member, Namal College
- Board Member, Shaukat Khanum Memorial Cancer Hospital & Research Centre



### **Dr. Arif Nazir Butt**

- Board Member, Namal College
- Dean, Suleman Dawood School of Business at LUMS



#### **Dr. Parvez Hassan**

- Board Member, Namal College
- · Advocate, Supreme Court
- Senior Partner, Hassan and Hassan Advocates Pakistan



### Dr. Rashid Amjad

- Board Member, Namal College
- Vice-Chancellor, Pakistan Institute of Development Economics
- Former Chief Economist, Pakistan Planning Commission (2008– 2010)



#### Mr. Rashid Khan

- Board Member, Namal College
- Educationist and Prominent Businessman



## Mr. Rehman Mir

- · Board Member, Namal College
- Philanthropist and Prominent Businessman



#### Mr. Taher Nawaz

- Board Member, Namal College
- Practicing Chartered Accountant in UK

## ACADEMIC ADVISORY COMMITTEE



### **Dr. Shafay Shamail**

 PhD in Electrical Engineering from University of Bath, UK



## **Dr. Tariq Jadoon**

• PhD in Electrical Engineering from University of Strathclyde,



#### Dr. Sohaib Khan

 PhD in Computer Science from University of Central Florida, US



#### Dr. Shahab Bagai

 PhD in Electrical & Computer Engineering from Purdue University, US

WE NEED TO
INVEST MASSIVELY
IN EDUCATION,
SCIENCE,
TECHNOLOGY
AND INNOVATION
SO THAT
ENTREPRENEURSHIP
CAN FLOURISH.

-PROF. DR. ATTA-UR-REHMAN

## FACULTY-

There are two undergraduate four-year degree programs offered at Namal College. The faculty details of each of these programs are as follows:

## DEPARTMENT OF ELECTRICAL **ENGINEERING**



Dr. Amir Khurram Rashid PhD (NTU, Singapore) Head of Department



Mr.Amir Asim Khan Jalwana MS (NUST)

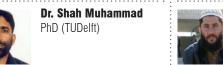




**Ms.Iram Aziz** MB-IT (Punjab University)



Dr. Amir Shahzad PhD (Belhana, China)





**ENGLISH** 

LANGUAGE CENTRE

Mr. Zameer Nawaz MA (English Literature) Head of Department **English Language Cantre** 



Mr. Jalaluddin Qureshi

PhD in progress

(NTU, Singapore)



Ms. Arooge Javed

Mr. Irfan Nadeem

MA (English)

MA (English)



Mr. Saqib Ilyas PhD in progress (LUMS)



Mr. Fayyaz Kashif MS (SNU, S. Korea)



Ms. Faiqa Ali MS Mathematics (Comsats)



## DEPARTMENT OF COMPUTER **SCIENCE**



Dr. Malik Jahan PhD (LUMS) Dean, Namal College



Mr. Sarmad Ali PhD in Progress (Limerick) Head of Department



Dr. Adnan Igbal PhD (NUST)



Mr. Junaid Akhtar PhD in Progress (LUMS)



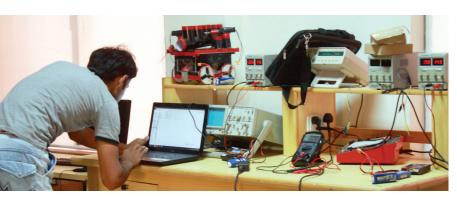
Dr. Noman Javed PhD (Orleans)



Mr. Sarfraz Raza MS (LUMS) - on PhD Leave



Mr. Sheraz Anjum MS-IT (NUST)



# EDUCATION PROGRAM DETAILS

These programs are offered under a franchise agreement with the University of Bradford, and students at Namal are awarded degrees that are identical to degrees awarded to a student studying at University of Bradford.

**Details of undergraduate degree programs** being offered at Namal College at the moment are given below:

## BENG (HONS) IN ELECTRICAL & ELECTRONIC ENGINEERING

	SEMESTER 1	SEMESTER 2
YEAR O	Introduction to Computing Mathematics-1 English-1 (Reading and Writing) English-2 (Listening and Speaking) Islamic Ethics	Introduction to Programming Mathematics-2 Physics English-1 (Reading and Writing) English-2 (Listening and Speaking) Islamic History & Culture
YEAR 1	Engineering Analysis A Robotics A Fundamentals of Telecommunications A Engineering Computation Introductory Mechatronics Digital Electronics Fundamentals	Engineering Analysis B Robotics B Fundamentalsof Telecommunications B Circuits and Systems Professional Skills Electronics Applications Project
YEAR 2	Mobile Communication Systems Further Engineering Analysis Sensors and Actuators Digital Electronics Design Technology Operations Management Power Electronics and Machines	Analogue Electronics Transmission Principles Financial Management Introductory Control (Elective) Embedded Systems (Elective) Robotics Applications (Elective) Group Design Project
YEAR 3	Antennas and Mobile Propagation (Elective) Project Management (Elective) RF and Microwave Circuit Design A (Elective) Digital Signal Processing (Elective) Power Devices and Applications (Elective) Signals and Systems Theory (Elective) Six Sigma for Business Excellence (Elective) Project A Entrepreneurship	RF and Microwave Circuit Design B (Elective) Advanced Mobile & Satellite Communications (Elective) Energy Studies (Elective) Advanced Systems Programming (Elective) Digital Design Using HDL (Elective) Advanced Control (Elective) Corporate Strategy and Engineering Management (Elective) Project B





## BSC (HONS) IN COMPUTER SCIENCE

SEMESTER 1	SEMESTER 2	
Introduction to Computing Mathematics-1 English-1 (Reading and Writing) English-2 (Listening and Speaking) Islamic Ethics	Introduction to Programming Mathematics-2 Physics English-1 (Reading and Writing) English-2 (Listening and Speaking) Islamic History & Culture	YEAR O
Software Development-1 Computer Architecture and System Software-A Formal Foundations-A Developing Professional Skills-A Fundamentals of Internet Technologies-A	Software Development-2 Computer Architecture and System Software-B Formal Foundations-B Developing Professional Skills-B Fundamentals of Internet Technologies-B	YEAR 1
Data Structures and Algorithms-A Computer Architecture and System Software-A Computer Communication and Networks-A Symbolic and Declarative Computing / Artificial Intelligence-A Database & Interfaces	Software Engineering with Group Project Data Structures and Algorithms-B Computer Architecture and System Software-B Computer Communication and Networks -B Symbolic and Declarative Computing/Artificial Intelligence -B	YEAR 2
Deploying Web Technologies (Elective) Formal Methods (Elective) Final Year Project-A Decisioin support System (Elective) Entrepreneurship	Concurrent and Distributed Systems (Elective) Artificial Intelligence for Games (Elective) Advance Databases (Elective) Cryptography (Elective) Final Year Project-B	YEAR 3

## STUDENT DIVERSITY



STUDENTS FROM OVER

DIFFERENT DISTRICTS OF PAKISTAN ARE BENEFITING FROM THIS UNIQUE OPPORTUNITY IN DISTRICT MIANWALI

## WHAT DO PEOPLE SAY ABOUT NAMAL COLLEGE STUDENTS?



## Mr. Haroon Sardar,

HR Executive at Confiz Solutions

"Super Excited to see first Computer-Engineering batch of NAMAL (Bradford University) Mianwali. A Namal-grad came from far flung area and performed very well in interviews. What we get someone after 20-30 interviews from Lahore's universities; First Namal-grad did equally or much better than them in his interviews. The most interesting thing was his ambitions that he'll try to bear at least one Namal-grad's expenses. Great initiative by IK and his team"



## Prof. Dr. Rod Fretwell

**Bradford University** 

"The students demonstrate a good level of understanding and commitment. They have shown better results than the home students of Bradford on the same exam. Most students seem to have a good level of understanding and can apply their knowledge in solving real life problems."

## **ExpertFlow**

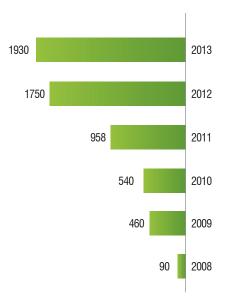
## Mr. Jawad Bokhari

Team Lead at Expertflow Limited

"All the candidates were good and the faculty has done great job by strengthening their foundations. They can easily compete with anyone from FAST or like institutes."

## NUMBER OF ADMISSION **APPLICATIONS**

**OVER THE PAST YEARS** 



## JOB PLACEMENT DETAILS

NUMBER OF STUDENTS GRADUATED SO FAR:

NUMBER OF STUDENTS EMPLOYED/ PURSUING FURTHER STUDIES:

AVERAGE SALARY:

### EMPLOYED IN FIELDS:

TEACHING, PROGRAMMING, NETWORKING, GOVERNMENT JOB, ENGINEERING, ADMINISTRATION ETC.





## COLLEGE FACILITIES & CORE STRENGTHS

The equipment and facilities that the college campus offers the students are by far the best part of the Namal experience.



## **FACULTY AT NAMAL** COLLEGE

There are presently 11 full-time PhD faculty members present at Namal College. This makes a PhD faculty to student ratio of about 1:27.

Namal College faculty is highly active in reseach & publications. They have participated in different international conferences conducted at USA, China, Netherlands, Sweden and Pakistan.



## LABS & TECHNICAL **FACILITIES**

There are a total of four computer labs on the campus. There is a 12 MB dedicated link available to the students for internet research purposes. Considering that Namal College is in an area as remote as Rikhi, it may surprise some people that facilities like Wi-Fi internet are also available on campus.

There are also three electrical labs available on campus. There is one each of a digital systems designs lab, communications systems lab and robotics lab with state-of-the-art equipment in excellent condition available on campus.

## LECTURE HALLS

There are six lecture halls available on the Namal College campus. These lecture halls feature facilities such as multimedia and auditorium-style seating.

## UNINTERRUPTED POWER SUPPLY

Namal has heavy-duty generators on-site to ensure that academic activities progress without any disturbance or interruption.







## STUDENT & FACULTY **ACCOMMODATION**

Namal College has accommodation facilities to offer its students as well. The four male and one female hostel are also provided with free shuttle service that commutes the students and faculty to and from the campus.

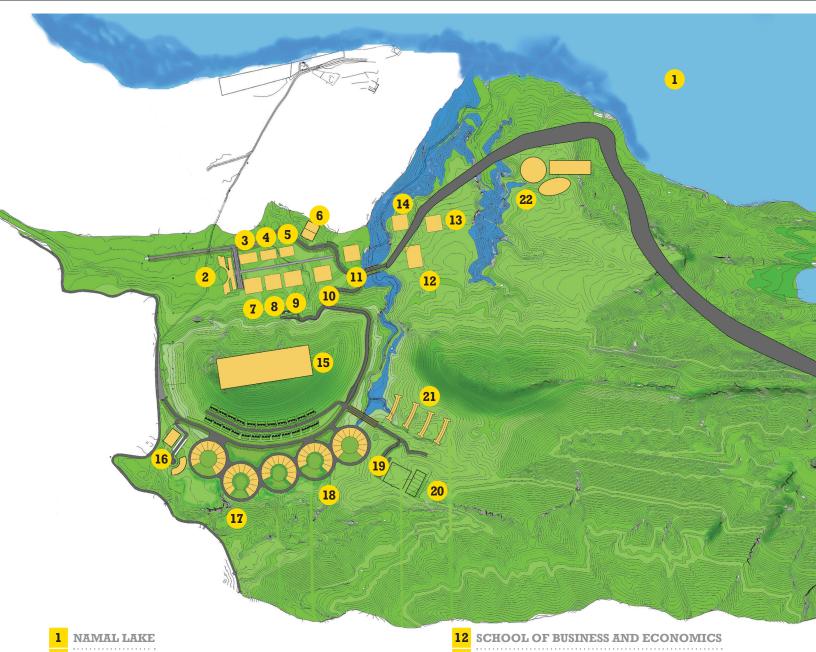
# LICANTS DURING **2013 ADMISSIONS**

# **SPORTS**

Sports galas are also arranged throughout the academic year to ensure that students have ample opportunities to learn through extra-curricular activates as well.

## **OTHER NOTEWORTHY STRENGTHS**

Namal College Mianwali stands in a beautiful and peaceful area of a land spreading 1,000 acres. The library at Namal College has a very diverse collection of almost 15,000 different titles of books. Efforts are also being made to make the same books available in the library as are in University of Bradford library. The college also has an influential advisory relationship. The management of LUMS actively participates in giving consultancy to the Namal college administration. Namal College is an associate college of University of Bradford, UK. Students studying here are awarded the same degree as that of University of Bradford, UK.

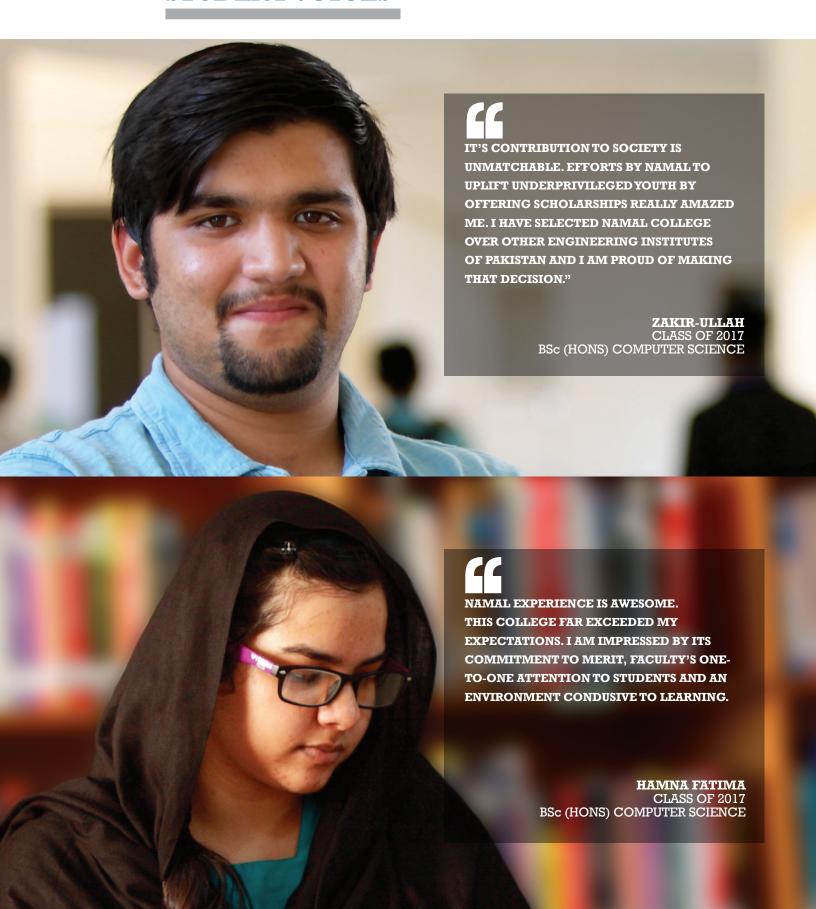


- 2 EXISTING BUILDING [FUTURE ADMINISTRATION BLOCK]
- 3 BANK
- 4 SCHOOL OF RURAL ENTREPRENEURSHIP
- 5 SCHOOL OF ENVIRONMENTAL SCIENCES
- 6 MOSQUE
- 7 SCHOOL OF AGRICULTURE
- 8 SCHOOL OF ENGINEERING 1
- 9 SCHOOL OF ENGINEERING 2
- **10** SCHOOL OF ENGINEERING 3
- 11 CENTRAL LIBRARY

- 13 SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
- 14 CAFETERIA
- 15 CONSERVATION & ENVIRONMENTAL PARK
- 16 VC HOUSE
- 17 MARRIED FAMILY UNITS
- 18 GIRLS HOSTEL UNITS
- 19 MEDICAL CENTER
- 20 SHOPPING & COMMERCIAL AREA
- **21** BOYS HOSTEL
- **22** SPORTS COMPLEX



## **STUDENT VOICES**



## FEE STRUCTURE

## (A) **ONE-TIME FEES**

Particulars	Fee (PKR)
Admissions Fee (One-Time)	10,000
Security Deposit (Refundable)	5,000
Total One-Time Fees	15,000

## (B) ANNUAL RECURRING FEES

Particulars	Fee (PKR)
Annual Tuition Fee	240,000
Annual Hostel Charges	12,000
Annual Exam & Lab Charges	2,500
Total Annual Fee	254,500

Annual fee per student is Rs. 254,000 whereas actual cost per student is Rs. 635,000.

## **FINANCIAL ASSISTANCE**

Namal College provides financial assistance to students based on merit and need assesment of the students. Till date Namal College has provided around Rs. 164 Million to support and subsidize students persuing their degrees from all over the Pakistan.

## HISTORY OF FINANCIAL ASSISTANCE

Year	2009-10	2010-11	2011-12	2012-13	2013-14	Till date
Total Tuition Fee	25,145,500	36,270,000	46,052,501	54,321,672	56,275,832	217,985,505
Financial Assistance Given	19,145,000	27,859,900	32,967,000	41,272,312	43,503,250	164,747,462
Percentage	76%	77%	72%	76%	77%	76%

## FINANCIAL ASSISTANCE IN TERMS OF NO. OF STUDENTS

Year	2009-10	2010-11	2011-12	2012-13	2013-14
Total No of Students	146	207	248	272	291
No of students getting full/partial financial assistance	144	187	208	234	217
Percentage	99%	90%	84%	86%	75%
Average of all years		87	%		





I am excited and confident after visiting Namal College and the site for Namal Knowledge City. It is a big dream and we are great believers. Allah will help us In sha'Allah!"

Mr. Zia Hameed **Motif Textile, Karachi** Friend of Namal & Strong Promoter of the Mission

## **HOW CAN YOU HELP?**

First time a private sector university is going to rural areas and offering a degree of University of Bradford to underprivileged background students. A degree that would cost them a minimum of Rs. 10 million if they had to go to University of Bradford to obtain it. The same degree is given in Namal College for Rs. 1 Million.

## PAYMENT INSTRUMENTS

INSTRUMENT	PURPOSE
General Donation	Most important fund to manage the running cost of Namal College and to bear the cost of support facilities.
Endowment Fund	A general collection, established with the aim to make Namal College self sustainable and to give it greater financial autonomy.
Scholarship	A commitment to fully sponsor a student or number of students. All inclusive (Tuition Fee, Lab, Boarding & Lodging charges etc.)
Zakat Fund	All donation specified as zakat is routed to a separate fund. Beneficiaries are zakat deserving/eligible students (those who have lowest icome in the inducted pool).
<b>Dedication Opportunity</b>	Name available facility with your or your loved ones' names. Flexible

NAMAL COLLEGE **ASSISTED OVER** 90% OF THE STUDENTS IN **OVERCOMING** THEIR FINANCIAL **CONSTRAINTS** 

## HOW TO DONATE?

You can donate through following methods:

## **OPTION-1:**

## **DEPOSIT AT OUR HEAD OFFICE:**

YOU MAY DEPOSIT CASH OR CROSS CHEQUES BY SIMPLY VISITING/SENDING COURIER AT:

Marketing and Resource Development

#### **Namal Education Foundation**

75 – D/1, Main Boulevard (Liberty Roundabout)

Gulberg - III Lahore, Pakistan Phone: +92 42 35782741-44 **Mobile:** +92 300 8451338 Fax: +92 42 35782745 Email: marketing@namal.edu.pk

Website: www.namal.edu.pk facebook.com/NamalCollege

## **OPTION-2:**

## DEPOSIT DIRECTLY IN **OUR BANK ACCOUNT\***

A) DONORS FROM ALL OVER THE WORLD: Account Name: Namal Education Foundation Account Number: 0433670931002007

IBAN: PK60MUCB

Name of Bank: MCB Bank Ltd Branch: Kot Lakhpat.

Ferozepur Road, Lahore- Pakistan

Branch Code: 0964 | Swift Code: MUCBPKKAA

#### **B) DONORS FROM UK:**

Account Name: Namal College (A Registered

Charity in UK)

Account Number: 17227368 (Current Account)

and 17351060 (Savings Account)

Bank: LLoyds TSB **Sort Code: 30-93-79** 

**Registration Number:** 1144897

\*Note: Please send copy of bank deposit slip/ transfer advice to us at marketing@namal.edu. pk, or at our Postal Address: "Namal Education Foundation 75-D/1, Main Boulevard, Gulberg-III, Liberty Rouundabout, Lahore, Pakistan."

## **OPTION-3:**

## **DONATE ONLINE OR THROUGH EASYPAISA**

# **A) THROUGH OUR WEBSITE** WWW.NAMAL.EDU.PK

## **B) DONATE THROUGH EASYPAISA**

## a) From EasyPaisa outlets

Send to registered mobile number: 03458455652

## b) For Telenor Users

Follow step-by-step process;

- Dial \*786# and press send
- Select Option-2 Titled "Send Money"
- Select Option-1 Titled "To EasyPaisa No."
- Enter account number 03458455652
- 5. Enter desired amount to be donated and
  - Enter your five-digit pin and hit send

Since it is a corporate POS, you do not need to provide the CNIC of the receiver.









# CONTACT

## NAMAL COLLEGE

30 KM Talagang Road, Mianwali, 42250, Pakistan

**Phone:** +92(0)459-236995

(9:00 am to 5:00 pm PST Monday to Friday)

**URL:** www.namal.edu.pk

fwww.facebook.com/NamalCollege

## INFORMATION ABOUT COLLEGE:

info@namal.edu.pk

## INFORMATION ABOUT ADMISSIONS:

admissions@namal.edu.pk

## **CAREER OPPORTUNITIES:**

jobs@namal.edu.pk

## MARKETING AND RESOURCE DEVELOPMENT

## **Namal Education Foundation**

75-D/1, Main Boulevard (Liberty Roundabout), Gulberg-III

Lahore, Pakistan

**Phone:** +92 42 35782741 **Mobile:** +92 300 8451338 **Fax:** +92 42 35782745

**E-mail:** marketing@namal.edu.pk