



FAST

PROSPECTUS  
2024

SHAPING  
FUTURE

Computing

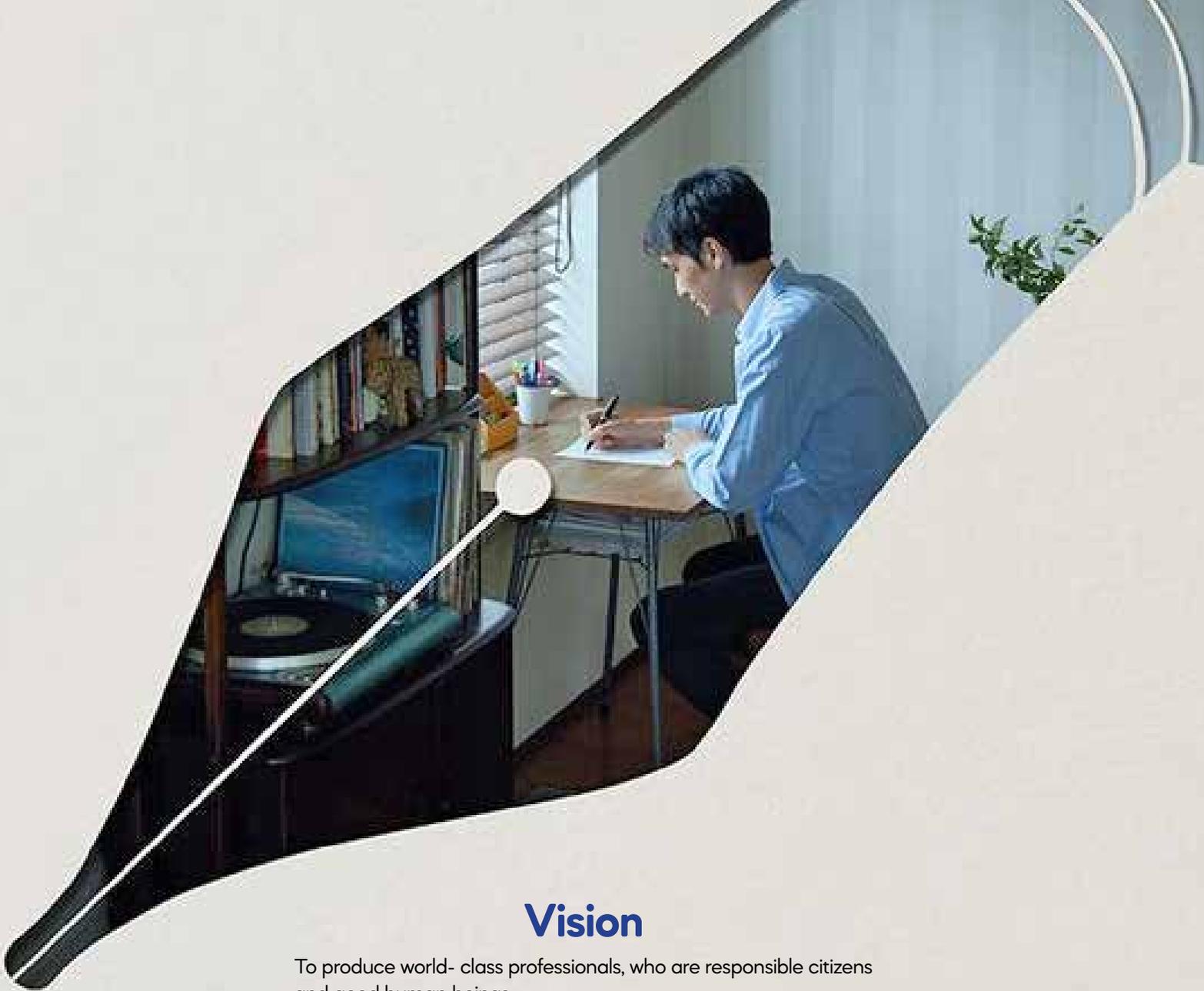
Engineering

Management

Sciences & Humanities



NATIONAL UNIVERSITY  
of Computer & Emerging Sciences



## Vision

To produce world- class professionals, who are responsible citizens and good human beings.

## Mission

1. To identify and attract the most promising students from diverse communities, to shape them into visionary leaders and world- class professionals.
2. To impart quality education to students, irrespective of their financial background ethnicity, gender or religion to create an inclusive society.
3. To promote research and scholarly activities to generate knowledge.

### Disclaimer

The contents of this Prospectus supersede all policies, rules, regulations, procedures, requirements, conditions and financial changes notified earlier. The University reserves the right to change any part or whole of this prospectus without notice or obligation.

In case of any ambiguity of non-existence of rules and regulations, the final authority for their interpretation and provision shall rest with the University whose decision shall be final and binding for all parties concerned.





**FAST**

**Foundation for  
Advancement of  
Science and  
Technology**

# Table of Contents

<b>The Foundation</b>	<b>05</b>	<b>Programs in Engineering</b>	<b>105</b>
Board of Governors of FAST	05	BS Admission Test, Eligibility and Selection Criteria	106
<b>The University</b>	<b>07</b>	Bachelor of Science (Computer Engineering)	107
Rector's Message	07	Bachelor of Science (Civil Engineering)	109
Board of Trustees	08	Bachelor of Science (Electrical Engineering)	110
Board of Governors	08	MS Admission Test, Eligibility and Selection Criteria	112
Officers of the University	08	Master of Science (Civil Engineering)	113
<b>Campuses &amp; University</b>		Master of Science (Electrical Engineering)	114
Chiniot-Faisalabad Campus	09	<b>Programs in Management Sciences</b>	<b>115</b>
Research	10	BS Admission Test, Eligibility and Selection Criteria	116
Faculty	14	Bachelor of Business Administration	117
Islamabad Campus	20	Bachelor of Science (Accounting and Finance)	118
Research	21	Bachelor of Science (Business Analytics)	119
Faculty	30	Bachelor of Science (Financial Technology)	120
Karachi Campus	46	MS Admission Test, Eligibility and Selection Criteria	121
Research	48	Master of Business Administration	122
Faculty	51	Master of Science (Business Analytics)	123
Lahore Campus	61	<b>Programs in Sciences and Humanities</b>	<b>124</b>
Research	62	MS Admission Test, Eligibility and Selection Criteria	125
Faculty	67	Master of Science (Applied Linguistics)	126
Peshawar Campus	80	Master of Science (Mathematics)	127
Research	81	<b>PhD (Doctor of Philosophy)</b>	<b>128</b>
Faculty	84	PhD Admission Test, Eligibility and Selection Criteria	129
<b>Academic Programs</b>	<b>89</b>	<b>Office of Research, Innovation and Commercialization (ORIC)</b>	<b>131</b>
<b>Programs Offered &amp; Campus</b>		<b>Quality Enhancement Cell (QEC)</b>	<b>134</b>
<b>Programs in Computing</b>	<b>90</b>	<b>Admission Information</b>	<b>139</b>
BS Admission Test, Eligibility and Selection Criteria	91	NU Online Admission Test (NU-OAT)	140
Bachelor of Science (Artificial Intelligence)	92	Admission and Academic Schedules	142
Bachelor of Science (Computer Science)	93	Fee Information	143
Bachelor of Science (Cyber Security)	94	Financial Assistance/Scholarships	144
Bachelor of Science (Data Science)	95	<b>Rules and Regulations</b>	
Bachelor of Science (Software Engineering)	96	Academic Rules and Regulations	145
MS Admission Test, Eligibility and Selection Criteria	98	Code of Conduct	149
Master of Science (Artificial Intelligence)	99		
Master of Science (Cyber Security)	100		
Master of Science (Computer Science)	101		
Master of Science (Data Science)	102		
Master of Science (Software Engineering)	103		
Master of Science (Software Project Management)	104		



# The Foundation

The sponsoring body of the University – the Foundation for Advancement of Science and Technology (FAST) was established in 1980. It is registered with the Government of Pakistan as a charitable institution. In 1985, it selected higher education as a vehicle to pursue its objective of producing scientists and technologists of the highest caliber. FAST pioneered the development of IT industry in Pakistan by offering the country's first undergraduate program in Computer Science. Today, this University, sponsored by FAST, stands recognized as the leader and trend-setter in this field in Pakistan and abroad.

A Board of Governors, elected in accordance with its Charter, manages the affairs of the Foundation. The members of the Board are eminent personalities in their respective fields and are associated with the Foundation in an honorary capacity.

## Board of Governors of Fast



### President

Mr Wasim Sajjad, N.I.

## Members

1. Justice (Retd) Mian Muhammad Ajmal
2. Justice (Retd) Muhammad Ather Saeed
3. Justice (Retd) Shabbar Raza Rizvi
4. Dr. Amir Muhammed
5. Dr. Lutfullah
6. Dr. Naveed A. Malik
7. Dr. Samar Mubarakmand
8. Dr. UAG Isani
9. Mr. Arshad Nasar
10. Mr. Nisar A. Memon
11. Ms. Parveen Qadir Agha
12. Mr. Qaiser Ahmed Shaikh
13. Mr. Rashid A. Khan

## Secretary General

14. Rana Ghulam Shabbir, S.I, T.Q.A



## Rector's Message

Dear Applicants

We are delighted to receive your admission applications to our esteemed university. As you embark on this new journey in higher education, you find yourselves in a time of rapid technological advancement, presenting the unique challenge of choosing between traditional and emerging fields of study. Technology is undeniably the future, and we are here to guide you through these choices.

FAST-NUCES is Pakistan's premier technology university and a bastion of higher learning. With campuses in Lahore, Karachi, Islamabad, Peshawar, and Chiniot-Faisalabad, we are excited to announce the opening of our Multan Campus in 2025 to support the talent and youth of South Punjab. As a non-profit institution dedicated to human development, we provide substantial financial aid to ensure that no one is denied the opportunity for education.

We take pride in being pioneers of Computer Science education in Pakistan, having introduced the first degree in 1985. Our alumni are the backbone of the software industry as well as holders of top positions in management and engineering domains both in Pakistan and internationally, contributing to major multinational companies and playing a crucial role in the entrepreneurial ecosystem globally.

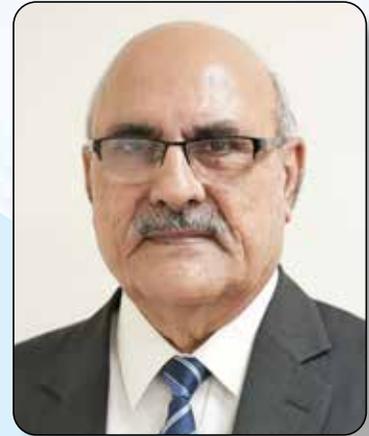
Continuing our legacy of innovation, we offer degree programs in Artificial Intelligence, Data Science, Financial Technology (Fintech), and Cyber Security. In 2021, we successfully launched our Business Analytics degree program. Additionally, we provide programs in Computer Science, Software Engineering, Electrical Engineering, Computer Engineering, Civil Engineering, Business Administration, and Accounting and Finance. We have also introduced a specialization in Game Development within the Computer Science program for senior students.

We believe that your decision to join us will pave the way for a rewarding career in an emerging discipline. Our commitment is to equip you with the knowledge and skills necessary for success in your chosen field of study.

Best wishes and good luck in your endeavors.

**Dr Aftab Ahmad Maroof**

RECTOR



# The University

Founded as a Federally Chartered University in July 2000, the National University of Computer and Emerging Sciences is a premiere University of Pakistan, renowned for quality and impact of its students in the development of local software and other industries. The university has five modern campuses at Karachi, Lahore, Islamabad, Peshawar and Chiniot-Faisalabad. These campuses provide world class educational environment and recreational facilities

to about 13,000 students, around one-quarter are female.

Research wings of the university are well recognized, nationally and internationally. They are embarked upon cutting edge research having direct impact on the social, economic and technological needs of Pakistan. Our vision is to become a globally recognized research university of Pakistan within the next decade.

## Patron of the University

President, Islamic Republic of Pakistan

## Board of Trustees

### CHAIRMAN

Mr. Wasim Sajjad, Chancellor

### MEMBERS

1. Justice (Retd) Muhammad Ather Saeed
2. Justice (Retd) Shabbar Raza Rizvi
3. Dr. UAG Isani
4. Mr Ahmad Farooq
5. Mr. Arshad Nasar
6. Ms. Parveen Qadir Agha
7. Mr. Qaiser Ahmed Shaikh
8. Dr. Aftab Ahmad Maroof, Rector NU
9. Chairman, HEC or his nominee not below the rank of an Officer of basic pay scale 20
10. Secretary, Ministry of Federal Education and Professional Training

## Board of Governors

### CHAIRMAN

Dr. Aftab Ahmad Maroof, Rector NU

### MEMBERS

1. Justice (Retd) Mian Muhammad Ajmal
2. Dr. Amir Muhammed
3. Dr. Lutfullah
4. Mr. Ahmad Farooq
5. Mr. Rashid A. Khan
6. Dr. Jawwad Ahmed Shamsi
7. Dr. Waseem Ikram, Registrar NU
8. Chairman, HEC or his nominee not below the rank of an Officer of basic pay scale 20
9. Secretary, Ministry of Federal Education and Professional Training

## Officers of the University

Chancellor	Mr. Wasim Sajjad
Rector	Dr. Aftab Ahmad Maroof
Registrar/Controller of Examinations	Dr. Waseem Ikram