



BNA'25

**Beaconhouse Notion of Academia '25
STEM Olympiad & Business Expo**

Beaconhouse Notion of Academia '25

Beaconhouse College Programme Margalla proudly presents the third edition of the Beaconhouse Notion of Academia '25 (BNA'25), set to be a landmark event in fostering a culture of STEM and Business acumen among high school and college students. Scheduled from the 24th to the 26th of January, BNA'25 stands as a beacon of academic innovation, intellectual growth, and practical skill development. This three-day event promises to be a stimulating platform for students to exhibit their talents, compete at a high intellectual level, and engage in collaborative learning. By bringing together perceptive and intuitive young minds from various institutions, BNA'25 aims to inspire a ripple effect, encouraging other schools in the twin cities to embrace a similar focus on STEM and Business education.

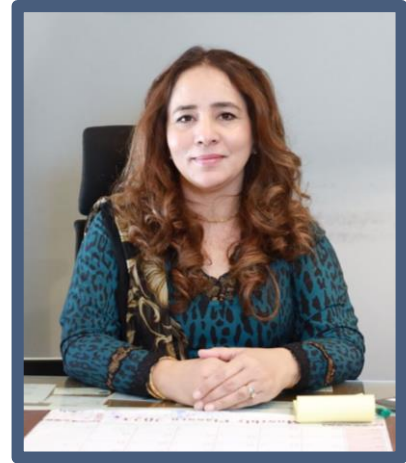
Located in the vibrant heart of Islamabad, BCP Margalla is more than an educational institution; it is a cradle of excellence and innovation. Home to over 3500 students, our campus thrives on a diverse community, dedicated to nurturing future leaders and innovators. Our focus on holistic education, enriched by the spirit of inquiry and creativity, positions BCP Margalla as an ideal host for an event as dynamic and multifaceted as BNA'25. This edition of BNA is particularly special, with nine diverse modules encompassing fields from engineering to business and law, each designed to challenge, enlighten, and provide a rich learning experience.

As BNA'25 unfolds, we anticipate pioneering a culture of STEM and Business proficiency in Islamabad and beyond. Our goal is to motivate educational institutions to integrate similar events and curriculums, ultimately establishing Islamabad as a leading city in promoting high school level STEM and Business education. BNA'25 is not just an event; it is a movement towards enriching the academic landscape, offering students invaluable opportunities to interact with renowned professionals and develop crucial skills for their future careers.

Principal's Address

Greetings,

I sincerely welcome you all to BCP Margalla Campus, where excellence and success prevails. As a haven for young scholars, we ensure the provision of a myriad of opportunities and academic tools, catered to the needs and skills of each individual, assisting them in tapping into their utmost potential whilst maintaining a legacy and creating a nurturing environment. Exposure and experience is bestowed upon the students through the realm of ingenious events and incentives.



Therefore, I am pleased to announce that BCP Margalla is hosting the third edition of Beaconhouse Notion of Academia '25 after its groundbreaking success in the previous years as the pioneer STEM Olympiad and Business Expo in the twin cities. It is my utmost pleasure to invite your institution to BNA'25, scheduled from the 24th to the 26th of January, a three-day event for the leaders of tomorrow.

With a mission to foster growth and a vision to reach new levels of success, we aim to discover the Einsteins of every institution and encourage them to lead, learn, and put their logic to the test. The diligence and commitment of our dedicated staff and talented host team will undoubtedly elevate this event to extraordinary heights. I am looking forward to welcoming you all to this exhilarating yet dynamic event.

Regards,
Ayesha Ansar
Principal
Beaconhouse Margalla Islamabad

Headmistress's Address

Dear Students,

As a result of the plethora of achievements our alumni have been able to amass across a broad spectrum of pursuits, BCP Margalla has always been a source of pride for us all. Accordingly, to ensure that our students shine ever brighter, we have resolved to foster a positive and inclusive culture through academics and extracurricular activities. Treating all students fairly and respectfully helps build positive relationships, and we believe in providing every student a platform to work on their weaknesses, build on their strengths, and grow into socially responsible individuals carrying out their civic duties with the utmost diligence.



By ensuring that our students go through a holistic development process, we are able to emphasize their physical well-being and character building. So, keeping these ideals in mind, I announce, with immense pleasure, the third edition of our very own STEM Olympiad and Business Expo, Beaconhouse Notion of Academia '25. The event shall take place from the 24th to the 26th of January. We assure you that this experience will preserve engaging and interactive energy and that we shall utilize this opportunity to help our young STEM and Business enthusiasts find their talent in the pertinent fields. Consequently, it will establish Islamabad as a leading city in promoting high school level STEM and Business education. Your presence at BNA'25 will be much appreciated and we eagerly look forward to welcoming you.

Regards,

Aisha Hafeez

Senior Headmistress

Beaconhouse College Programme Margalla

Letter from Host Team

Dear Delegates and Esteemed Faculty,

We are thrilled to extend to you a formal invitation to the prestigious Beaconhouse Notion of Academia '25. As we unveil the third edition of BNA, prepare yourselves for three days of stimulating challenges and innovation, set to engage and test the intellectual prowess of the most accomplished minds across a broad spectrum of academia.

This year's STEM Olympiad and Business Expo boasts nine diverse and ingeniously crafted modules, encompassing various fields, each designed to hone different skill sets. Alongside these academically rigorous sessions, BNA'25 also incorporates aspects of a Business Expo, where delegates can demonstrate their entrepreneurial spirit and business acumen. We have interspersed these intense competitions with social events, providing an ideal environment for networking, collaboration, and relaxation.

Participating in BNA'25 is an opportunity to expand your horizons and strengthen your efforts to pursue varied academics. Delegates will have the opportunity to engage directly with field professionals, gaining invaluable insights into their respective disciplines, resulting in an experience that will become an academic milestone as well as a significant step in their professional development. We will ensure that you leave this event with enhanced problem-solving abilities, a broader network of contacts, and a deeper understanding of the practical applications of academic knowledge. We sincerely hope you join us for a transformative and memorable experience at BNA'25.

Warm regards,
Host Team

Event Highlights

Beaconhouse Notion of Academia '25 will comprise of the following constituents:

Modules: Anchoring the event, the modules will present complex challenges, rigorously engaging delegates and pushing their analytical capabilities to new heights.

Tribulations: Overarching rounds which are bound to be attended by all delegations, the tribulations hold immense importance. Participation or absence will directly impact the delegation's overall score, thus determining its position on the leaderboard.

Trials: Engaging optional rounds open throughout the day at specific times, the trials ensure that certain perks are awarded to the best performing delegation. Absence will not compromise a delegation's overall score in any way.

Business Expo: Incorporated alongside Maslow's Hierarchy module, teams opting to participate in this particular module will compete to demonstrate their respective brands in appealing ways.

SciVenture Carnival: This highlight shall primarily serve to captivate attendees with dynamic STEM-oriented shows and stalls alongside startup exhibits, each envisioning the possibilities of tomorrow. Workshops will be organized to provide tailored insights as well.

Socials: The event will feature a concert and rave, organized to provide delegates with valuable networking opportunities in an inviting atmosphere.

Note: The Formal Dinner will be exclusively arranged for delegates.

Modules

BNA'25 will be offering nine diverse modules to the delegates to showcase their respective talents. Each module will have its own point scoring criteria. The judging panel of each module will comprise of the respective secretariat members alongside external adjudication from professionals.

Riddle at Lion's Gate (Law & Criminology):

This module is designed to immerse delegates in the complexities of legal systems and criminal investigations. It challenges delegates to think like legal professionals, employing analytical and investigative skills to navigate diverse legal scenarios. It integrates elements of forensic science, encouraging critical examination of evidence and logical reasoning. Additionally, the module offers a unique courtroom experience, sharpening public speaking and legal argumentation abilities. This blend of law, science, and advocacy provides students with a practical, engaging insight into the legal profession and criminal justice system.

Carson's Milieu (Environment):

This module is ingeniously designed to engage delegates in the critical issues of environmental science and sustainability. This module challenges delegates to blend theoretical knowledge with creative problem-solving, focusing on eco-conscious innovation. It encapsulates the essence of environmental responsibility, urging students to think like eco-engineers and sustainability advocates. Through a unique combination of quizzing, hands-on prototype development, and debate, the module nurtures an understanding of ecological principles and fosters practical skills in environmental conservation. It is an interactive platform for students to explore and express their ideas for a sustainable future.

Maslow's Hierarchy (Business):

This module is crafted to immerse delegates in the dynamic world of entrepreneurship and market strategies. It offers a comprehensive exploration of business concepts, from pitching innovative ideas to understanding brand representation and providing insights about financial investing. It challenges delegates to apply their creativity, analytical skills, and financial acumen in realistic business scenarios. The module is designed to enhance students' understanding of marketing, brand development, and investment strategies.

Haytham's Reel (Media):

This module is skillfully designed to engage delegates in the multifaceted world of digital media production and design. It challenges delegates to creatively express themselves through various media formats, encompassing photography, graphic design, and video production. It emphasizes the development of technical skills in image editing, composition, and visual storytelling, along with fostering artistic creativity and innovation. The module offers a unique opportunity for students to explore the intersections of technology, art, and communication.

Mapper's Interstellus (Engineering):

This module is meticulously designed to immerse delegates in the practical aspects of engineering and design. It offers a unique opportunity for students to engage in hands-on activities that blend creativity with technical skills. It focuses on the construction and testing of various engineering models, challenging delegates to apply their knowledge in physics, mechanics, and structural design. The module emphasizes innovation, problem-solving, and efficient resource utilization, encouraging students to think like engineers. Through this experiential

learning process, students gain a deeper understanding of engineering principles and their applications in real-world scenarios.

Villani's Squares (Mathematics):

This module is thoughtfully designed to challenge delegates with the intricacies and beauty of mathematical concepts. It invites delegates to dive deep into the world of theorems, puzzles, and practical applications of mathematics. It emphasizes logical reasoning, problem-solving, and innovative thinking, encouraging students to explore mathematics beyond the classroom. The module blends theoretical knowledge with hands-on activities, fostering a dynamic understanding of mathematics. It is an ideal platform for young mathematicians to test their skills and broaden their perspectives.

Blackwell's Labyrinth (Medical):

This module is ingeniously designed to engage delegates in the diverse and challenging world of medicine. It combines theoretical knowledge with practical applications, offering a comprehensive insight into various aspects of medical science. Students are encouraged to think like healthcare professionals, applying their learning in diagnostics, treatment planning, and emergency medical response. The module emphasizes critical thinking, decision-making under pressure, and teamwork, mirroring real-world medical scenarios.

Kepler's Orbits (Aerospace):

This module is strategically designed to immerse delegates in the world of satellite technology and space exploration. It presents a unique blend of theoretical knowledge and practical skills, focusing on the design, assembly, and testing of miniature satellite models. It encourages participants to think like aerospace engineers, applying concepts from physics, electronics, and data analysis. The module enhances students'

understanding of satellite functionality, teamwork, and problem-solving in a space context. It is a platform for aspiring space enthusiasts to experience the intricacies of aerospace engineering and develop a comprehensive skill set in this exciting field.

Neumann's Matrix (Computer Science):

This module is expertly crafted to engage delegates in the dynamic and innovative world of programming and robotics. It provides a hands-on experience in coding, robot design, and creative problem-solving. It encourages delegates to think like computer scientists and engineers, applying their knowledge in practical scenarios ranging from robotics to game development and automation. The module fosters skills in programming, design efficiency, and creative thinking, offering students a platform to showcase their technical abilities and explore the limitless possibilities of computer science in a collaborative and competitive environment.

Delegate Incentives

BNA'25 will be offering numerous incentives to delegates to promote healthy competition and foster a competitive spirit amongst the attendees:

Prize Money: Carrying on the tradition from last year with a prize pool of PKR 235,000, delegations with outstanding performance both in modules and overall shall be awarded with cash prizes this year too.

Recognized Certification: Similar to last year, all delegates will be awarded certificates of participation and honor recognized by credible organizations, such as Certiport, our certification partner in BNA'24.

Professional Opportunities: High-achieving delegations will get a chance to participate in programs, including mentorships, internships, and research work, affiliated with our partnering organizations.

Registration Details

Delegates from O/A Levels or alternative programs are eligible for participation. Both private and official delegations are invited to partake with the stipulation that school delegations must be accompanied by a designated staff advisor in order to ensure a structured and supportive environment.

Delegations are to consist of a minimum of 4 members and a maximum of 6 members. Each delegation is afforded the opportunity to engage in 3 out of 9 modules, 2 mandatory tribulations, and up to 4 optional trials out of 6 in total.

The early bird phase for registration and payment will run from Friday, 22nd November to Sunday, 22nd December after which the regular registration will start. Observer registrations will commence alongside the regular phase. The registration forms for both delegations and observers will be available at our website: www.bna2025.com.

Physical payments can be made to the registration desk on campus. Further details regarding the registration desk will be communicated via our Instagram. Online payments can be made to the following account:

Dubai Islamic Bank I8 Markaz Branch
IBAN: PK65DUIB0000000976440001
Name: Madiha Ali



Scan this QR Code to be directed to the registration form for delegations.

After filling out the registration form, your delegation's registration will be reserved. Our Registrations Team will thereafter dispatch a mail to the

head delegate's provided address with guidelines regarding the payment and confirmation process. You will be required to follow the steps highlighted in the mail to ensure timely confirmation of your registration.

The fee structure for BNA'25 is explained as follows:

	EARLY BIRD	REGULAR
Delegation Fees (Official / Private)	2500	3000
Delegate Fees	3400	3800
Observer Fees (only available in after Early Bird)	----	2500

For any queries regarding the registration and payment process, reach out to us at:

Official Registrations Mail: registrations@bna2025.com

Director Registrations *Ali Mustafa Jaffery*: +92 332 5598709

Director Registrations *Hamna Sajjad*: +92 336 5348534

Co-Director Registrations *Syed Diyan*: +92 334 5552263

Co-Director Registrations *Dua e Zehra*: +92 315 5154288

By registering for BNA'25, all delegates and observers will be consenting to the terms and conditions specified in the Code of Conduct and Waiver of Liability. In conclusion, we eagerly await your participation in this extraordinary gathering of bright minds and innovative spirits.

Code of Conduct

Rules and Regulations:

The Executive Council is responsible for making all decisions revolving around the code of conduct and any violations pertaining to that. The EC reserves the right to take strict action against any implicit and/or explicit violations. Such illicit behavior includes consumption and possession of electronic vaping devices, cigarettes, cigars, alcohol and any type of drugs. Any derogatory remarks are sternly prohibited, and disciplinary actions will be taken against anyone involved. The EC reserves the exclusive right to make any changes, modifications, or adjustments to the event's structure, schedule, content, or other aspects at its sole discretion. The event shall be following a strict no refund / return policy.

Photography and Videography:

The Media Team governs the right to photograph and record videos of participants for promotional purposes. Any other individual capturing photos or videos without prior consent will be reprimanded in order to ensure the privacy and comfort of everyone involved.

No-Harassment Policy:

The college maintains a rigorous and transparent policy regarding harassment, emphasizing that any form of harassment is unacceptable and will be met with zero tolerance. This policy encompasses various forms of harassment, including but not limited to physical, psychological, verbal, and sexual harassment. Each of these behaviors constitutes a serious violation of both college policy and the respectful, safe environment we strive to uphold for all participants at BNA'25.

Module Protocols:

Delegates must have their IDs with them at all times. Additionally, they must have a formal disposition and follow all instructions of the Host Team. The delegates are required to maintain a formal tone and register, and are not allowed to visit sealed off areas during socials and module sessions. Any informal and inappropriate behavior will lead to immediate expulsion from the campus. The Executive Council possesses the authority to expel anyone who fails to comply with the code of conduct.

Dress Code:

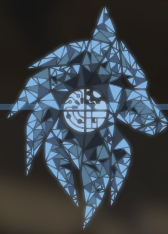
Delegates are required to be in appropriate and presentable attire at all times. The dress code to be followed throughout the event will be business casual.

Waiver of Liability

The following Waiver of Liability must completely be read and its terms and conditions agreed to, while completing the registration process. By submitting the registration form, delegates and observers consent to its terms and conditions for the entire duration of BNA'25.

As a willing participant at BNA'25, I hereby agree to the following terms:

- I plan to attend BNA'25 at Beaconhouse College Programme Margalla Campus from the 24th to the 26th of January 2025 and hereby certify that I have fully understood and consented to the rules and regulations contained in this waiver.
- I hereby release Beaconhouse College Programme Margalla Campus and its affiliates from all liability relating to injuries or medical issues that may occur during any activity relating to the Beaconhouse Notion of Academia in the premises of campus or otherwise. By signing this agreement, I agree to hold BCP Margalla and its affiliates entirely free from any liability, including financial responsibility for injuries incurred.
- I acknowledge any risks involved in the event. These include but are not limited to physical injury to a person or damage / loss of property. I agree that I am participating voluntarily and that all risks have been made clear to me. Additionally, I do not have any conditions that will increase my likelihood of experiencing injuries while engaging in this activity.
- I hereby release and waive my right to bring suit against Beaconhouse College Programme Margalla or its affiliates for any reason. I reaffirm that I will also make every effort to obey safety precautions as listed in writing and as explained to me verbally. I further understand that the breach of any safety precautions or inability to follow directions of the management may lead to my removal from the event and my expulsion from the premises.
- I also acknowledge the fact that any prohibited items (e.g. vapes, food items, liquids, perfumes, drugs etc.) will be confiscated by the Security Team and not returned. I agree to comply with the appropriate dress code and approve that any photo or video taken of me during the event may or may not be posted on BNA'25's social media platforms.
- I consent to the collection, processing, and use of information submitted by senior management for purposes deemed relevant to the planning, execution, and improvement of current and future events. Such information will be handled in accordance with applicable policies and may be utilized in ways that support the event's goals and objectives.
- I am fully aware of my responsibility to adhere to public law and understand that in case of any rule violation, I may be expelled from the event.



BNA'25

Beaconhouse Notion of Academia
STEM Olympiad & Business Expo

CATEGORIES

9 Modules
(choose any 3)

RIDDLE AT LION'S GATE
CARSON'S MILIEU
MASLOW'S HIERARCHY
HAYTHAM'S REEL
MAPPER'S INTERSTELLUS
VILLANI'S SQUARES
BLACKWELL'S LABYRINTH
KEPLER'S ORBITS
NEUMANN'S MATRIX

2 Tribulations
(both mandatory)

SECRETS OF VAULT 27
SK'S ODYSSEY

6 Trials
(optional up to 4)

TORIYAMA'S ARENA
MORGAN'S GAMBIT
ISAAC'S DUEL
LOYD'S CONUNDRUM
MARSH'S MAP
NOLAN'S RECAP

FEE STRUCTURE

Early Bird Phase

Delegation Fee

~~RS 3000~~

RS 2500

Delegate Fee

~~RS 3800~~

RS 3400

Observer Fee

RS 2500

observer pass will be available
in regular phase only

SOCIALS

SciVenture Carnival
Concert & Rave
Formal Dinner

24 | 25 | 26
January 2025

Hosted by BCP Margalla



[bna.2025](https://www.instagram.com/bna.2025)



www.bna2025.com



BNA'25

Presented By
BCP Margalla Islamabad