



Welcome to Mind Craft Ltd.®



Mind Craft Ltd.® is the brainchild of the founders who envisioned Bangladesh to be the next best marketplace for digitized expansion. With progressive endeavours comes the responsibility to protect the good work of the people from any outside threat. And that is why, here in this company, we are proud to be part of an excellent team that strives on reaching this success and greatness. Based upon its management philosophy, Mind Craft Ltd.® is committed to creating new and progressive approaches to its operations and services and contributing to the development of the customers. Mind Craft Ltd.® has established a long history of developing and providing some of the highest quality products to the Defence sector, financial sector, Telecom\Datacom, Infrastructure sector and Cyber & Physical Security of Bangladesh.

What We Are?

While recent technological advances have been, to a great extent, responsible for driving massive economic transformations and disruptions all around the world, precisely observing the entire game and making silent but nifty moves from one corner of Bangladesh is the pioneer of and surveillance system in the country – Mind Craft Ltd. Ever since its inception in 2019, the company- run by a dynamic team of savvy professionals- has effectively taken small but momentous leaps towards advancing technology in the field of software development and surveillance systems of the country and has, in process, rightfully established itself as the trendsetter in the sector.



Our Work Record:

Over the years we have successfully worked with key government bodies- Ministry of Home Affairs (MOHA), Border Guard Bangladesh (BGB), etc. and other leading financial institutions of the country and have provided the clients with a range of cybersecurity, surveillance Systems and software namely- Thermal Imaging Cameras, Turnstile Access Controllers, Pass Management System, Iris Scanners, Baggage Scanners, Human Scanners, Jammers.

Deep-rooted in the company's philosophy is the willingness to adapt to changes and capitalize on technological advances, this approach has helped Mind Craft Ltd. reach incredible heights in an unbelievably short period.

Our Mission:

The philosophy of "Digital Bangladesh" comprises of the four pillars named as Digital Government, Human Resource Development, IT Industry Promotion and Connecting Citizens. As the campaign is adopting IT practices and tools to enable economic, cultural, and social development, we are here to provide our top-notch service with utmost sincerity by becoming a part of this nation-wide initiative, particularly focused on greater adoption of e-Governance and e-Services solutions.

Bangladesh is amongst one of the only countries that initiated Digital Bangladesh dated back as early as 2012 at Mind Craft Ltd. we believe in constant innovation to empower Bangladesh's resources through our input regarding the advanced, robust training programs on Intelligent Enterprise, Digital Trust, Cyber Security and SMAC (Social Media, Mobility, Analytics and Cloud) and robotics.

Bangladesh is ready with technology-driven talents to meet global demand and our vision is to help this movement of becoming one of the top 10 growth markets for tech devices offering a rapid technology adoption consumer base.



Philosophy/Belief:



Functions that we offer:



Cyber Security Solution: Vulnerability Assessment & Penetration Testing-

We offer your organization Vulnerability Assessment and Penetration Testing of your entire IT infrastructure to identify the risk level that your company is currently exposed to so that an appropriate set of solutions to those threats can be developed.

Vulnerability Assessment discovers which vulnerabilities are present in your technical infrastructure, but they do not differentiate between flaws that can be exploited to cause damage and those that cannot. Whereas Penetration tests attempt to terminate the



vulnerabilities in a system to determine whether there is any unauthorized access or other potentially malicious activity and therefore shows which flaws pose a threat to the application. Together, penetration testing, and vulnerability assessment tools provide a detailed picture of the flaws that exist in an application and the risks associated with those flaws.

Our Deliverable VAPT Reporting:

Our deliverable includes a Technician's Report. This report identifies true vulnerabilities and provides a proven step-by-step method for mitigating the vulnerability. In addition, we provide real-world examples of the risk being assumed by an organization if it elects not to mitigate a proven vulnerability. The risk associated with vulnerability will vary. As such, unless true vulnerabilities are identified, we do not provide specific real-world examples of the business risk to an organization.

Cyber Security Operation Centre:

We support you to build Cyber Security Operation Centre (CSOC). A CSOC can give you the visibility and control of managing the risks related to cyber security to safeguard your organization and your customers from a range of internal and external cyber threats. CSOC is a monitor centre that operates 24/7 (around the clock) monitoring traffic via a security incident and event management system through the secured internet gateway in both directions. We have a comprehensive CSOC management system that is operated by engineers who manages the individual security events, fine-tune any response, and record all activities for reporting purposes later. Our engineers continually fine-tune the mitigation tools to capture as many security threats as possible.

Cyber Security Audit

Mind Craft Ltd. JV cyber security audit program is here to go around and to identify the areas in which your security might be potentially prone to some vulnerability. We tend to check your system's entire IT infrastructure to find out the vulnerabilities and their severity. Our experts will go for on-site visits for examining those factors and will provide you with detailed reporting such as network management reports, security risk management reports etc.

Benefits of Cyber Security Audit-

- Reduce IT costs by allowing you to plan your IT spend.
- Ensure software compliance giving you peace of mind in what you have and what you use.
- Alignment of IT and business goals especially you are growing and expanding.



Computer Emergency Response Team (CERT):

Our CERT team does know computer security incidents better than anyone around you and can serve you in times of exigency. Contact us and we will send our CERT team on time to make your system operational again as before and take initiative to prevent any spread of damages.

CERT merely do not help you in times of trouble, they are proactive. They provide advice and support on cyber threats and vulnerabilities. They relentlessly monitor the tech world and updates news of cybercrimes or attacks so that your organization can be better prepared.

Data Standard Security (PCI):

The Payment Card Industry Data Security Standard (PCI DSS) is a widely accepted set of policies and procedures intended to optimize the security of credit, debit and cash card transactions and protect cardholders against misuse of their personal information. Mind Craft Ltd. JV PCI DSS service provides you with six categories of services:



securing your network, protecting cardholder's information, and protecting the system from malicious attacks, securing access points, constant monitoring your network and providing you with a formal cyber security policy.

Cyber Security Training

For smooth and continuous operation of your technical system, Mind Craft Ltd. brings you the Cyber Security Training Service for the improvement of your employees' technical operation skills so that they can manage the system efficiently. We have trainers who can teach your staff what to do and what not to when they are managing the computer system. We also provide guideline policies along with a manual to make the procedures more comprehensive to you.

Other special services:



Radar System for surveillance of the area. Already placed along the Teknaf and Putkhali border



Radar System for surveillance of the area. Already placed along the Teknaf border



Baggage scanner placed in BMTF and Bangladesh Ministry



Personnel scanner placed in BMTF and Bangladesh Ministry



IT system installed in Bangladesh Ministry and BGB



Jammer placed in Bangladesh Prison



Our way of shaping the future:

The services that we offer combines the best technologies and minds working together to bring the very best to our customers. This helps our present scenario. However, the world needs more of the future-shaper who will build our better future. We believe that the next generation deserves to be more active and well-groomed for the future technological advancement and cyber security. For this vision of tomorrow, we have taken an impactful step where we believe we can make a difference in shaping the world's tomorrow. For those reasons we have created Mind Craft Academy, where we can place science in the palm of our hands! We have programs focusing on children from pre-kindergarten through 10th grade. We have created an innovative approach to Entrepreneurship, Science, Technology, Engineering, Art/Architecture, and Mathematics (eSTEAM) that is fun, interactive, hands-on, and most importantly educational.

We believe today's young generation are the future leaders, creators, and pathfinders, and that always drives us to create an experience of a lifetime for our Mind Crafters.



Our Mission

We dream to create a community where students will be learning through their experiences through an introduction to various disciplines like Entrepreneurship, Science, Technology, Engineering, Art/Architecture, and Mathematics. Through these assortments of disciplines,



they will be engaged in innovative thinking and problem solving, while analysing the environmental and social issues of current and future generations.

Our Vision

We believe today's young people are the future leaders, creators, and pathfinders. And that always drives us to work on every small detail. Subtle elements which will create an experience of a lifetime for our Mind crafters. We believe that every Mind crafter will be collaborative, contributing individuals of their nearby and worldwide communities with the habits of intellect essential to be successful in the 21st Century.

The functionality of the concept:

eSTEAM is a learning and development methodology that brings together entrepreneurship, science, technology, engineering, art/architecture, and mathematics. Students learn crucial skills such as problem-solving, creativity, critical analysis, teamwork, independent thinking, initiative, digital literacy, and communication through eSTEAM.

The significance of eSTEAM:

The global economy is transforming. Current employees are being automated away, while new employment is being created daily because of technological advancements. Every day, technological advancements are transforming the way kids' study, connect, and engage. Students who participate in eSTEAM learn skills that will help them succeed in school and beyond. Employer demand for eSTEAM



certifications and abilities is high, and it will continue to rise. eSTEAM skills are currently required for 75% of positions in the fastest expanding industries. People who can adapt to a changing workplace are needed in the future workforce to remain competitive. eSTEAM equips people with the skills they need to prosper and adapt in today's environment.

eSTEAM in Early Childhood

The experiences children have during the early years are extremely important. As your child's first teacher, a parent's role is vital in creating opportunities that promote learning in a fun



and safe environment. You can help your child by creating a home environment that fosters curiosity and questioning through play. We believe a parent can help introduce key eSTEAM skills by teaching them to:



- ask questions.
- work together.
- think creatively.
- solve problems.
- explore and take calculated risks.
- test solutions to problems.
- discover new ways of doing things.

There are lots of exciting things you can do at home or when you are out, making learning enjoyable for everyone. By encouraging your child to ask questions, you are allowing them to take an active role in their learning and helping them understand the world around them. When children ask questions, they are developing their critical thinking skills and building their eSTEAM capabilities. If they ask "Why?", try to not provide the answer. Instead, respond with alternative questions and ideas, and encourage them to search for answers and solutions themselves. We have created a resource here in Mind Craft Academy, that is full of activities you and your child can do together to help them develop valuable eSTEAM skills.

Blessings: They are special

We, here at Mind Craft, make sure everyone feels included. We treat our students equally. By that we mean, we have a place for special children in our class. We make sure that they are well taken care of by our specially trained instructors. Our teaching assistants help them a little more, so that even if they fall behind in the class, they can keep up. We even have a special counselling session with the parents of these special children so that they have a better view of their progress and improvements in the class.

Currently we are focusing on three segments of our work for our special children.

1. One-on-one cooperation – This will allow them the care and option for better understanding of the course material.

2. Counselling with parents – We understand that things can get tough at times to understand and deal with. That is why we are here to support you all with special counselling guidance.

3. Special courses offering – If we see fit and the situation requires it, we will arrange for special classes for these students.

Here we will focus on the behavioural support for social anxiety that we are looking forward to overcoming. In future we plan to take a couple of steps:

1. Seminar and webinar and for mass awareness. We believe this will not only enforce conversation but also normalize things for others who are exposed to stigma.
2. Special attention for studies at home service as we will be understanding your emergency and can support you better.
3. Workshops for parents. We know it is hard. Raising a kid is already challenging enough. That comes with a bonus pressure and extra cautious if the kid has special needs.
4. We believe we will be able to facilitate the guidance of professors and field experts to ease with the turmoil of parenting.

Here is a brief concept of our offered courses given below:

Origami: Art of folding paper

Origami is a timeless Japanese art to create an amazing three-dimensional object out of paper. It is a unique hobby that allows your creative side to shine while stimulating your mind. This course will help children to add more flavours to their life with a bit more art and at the same time learn a new skill.

- Course Duration: 1 month (16 hours)
- Number of Classes: 16 (2 classes/week)
- Class Duration: 2 hours/class
- Number of Students: 10 students/class
- Multiple Instructors per class
- Available online as well.



The Alchemy of Codes: Acquire Scratch Programming

In this age of innovation, having a profound knowledge of computer logic is a must. The course 'The Alchemy of Codes' introduces a basic form of computer programming using Scratch.

With Scratch, a child can create a wide variety of interactive media projects—animations, stories, games, and more—and share those projects with others in an online community. The activities in this curricular resource are designed to support familiarity and increasing fluency with computational creativity and thinking while building on students’ creativity and personal interests. In particular, the activities encourage exploration of key computational thinking concepts (sequence, loops, parallelism, events, conditionals, operators, data) and key computational thinking practices (experimenting and iterating, testing, and debugging, reusing, and remixing, abstracting, and modularizing).

- Course Duration: 2 months (32 hours)
- Number of Classes: 16 (2 classes/week)
- Class Duration: 2 hours/class
- Number of Students: 10 students/Class
- Multiple Instructors per class
- Available online as well.



The Martians of Science: Kool Science Projects

The Martians of Science introduces educational activities for elementary school students involving science experiments and science models. Students will learn about cool scientific DIYs and craft materials and by incorporating them with their work. They will make their toys using “scientific methods”.

They will not just make some figures and toys in this course. They will gain academic content and will be handy for science projects in the future.

- Course Duration: 2 months (32 hours)
- Number of Classes: 16 (2 classes/week)
- Class Duration: 2 hours/class
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Quantum eSTEAM: Mining eSTEAM

eSTEAM is an emerging educational approach that aims to strengthen the foundation of future education by helping students enhance their critical thinking skills and recognize the intersection of art, science, technology, engineering, and mathematics as access points for guiding student inquiry, dialogue, and critical thinking.

Quantum eSTEAM provides additional knowledge for students besides their academic content. Hands-on training in this course will help the student understand the potential gaps between the theory and the practice.

- Course Duration: 2 months (32 hours)
- Number of Classes: 16 (2 Classes/Week)
- Class Duration: 2 hours/class
- Number of Students: 10 Students/Class
- Multiple Instructors per class
- Available Online as well.



Scratch or not to Scratch: Scratching Concepts

Scratch or not to Scratch introduces how technology is used in modern lives. They will find out how computer technology is changing traditional forms of transport and enabling brand new forms to be invented. Alongside that he/she will look into the computer code that connects up the components and brings things to life.

They'll use algorithms and ideas that control real forms of transport technology to create their programs.

There are lots of different ways to create code. In this course, they will be using Scratch, which is an easy block-based coding system.

- Course Duration: 2 months (32 hours)
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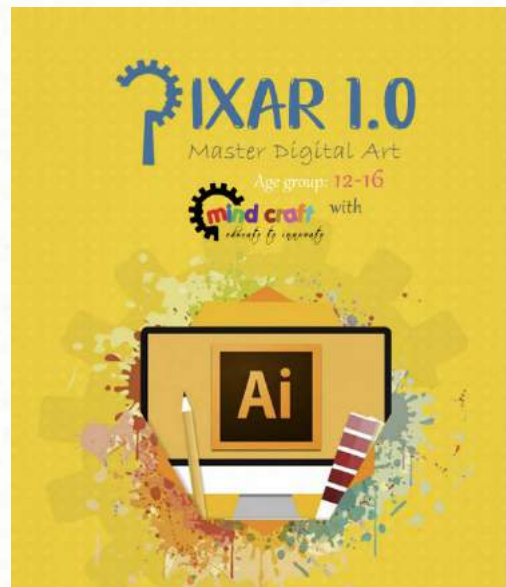


Pixar 1.0: Digital Art

Pixar 1.0 provides a profound grounding in digital art using the software Adobe Illustrator. In this course, students will learn techniques for producing professional standard illustrations and type effects. Here, students will be working with paths, tools, masks, fills, strokes effects, and typographic styles. They will be learning about managing colour settings, colour separations, and print specifications. Not only this but also there will be a lot of interesting mini-projects like converting raster images to vector arts.

Mind Crafters will be learning about this fascinating course under the supervision of trained instructors so that they can incorporate visual effects into their workflow.

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Kodiak 1.0: JavaScript Game Genius

JavaScript (often shortened to JS) is a lightweight, object-oriented programming language of the Internet, the secret sauce that makes the Web awesome, your favourite sites interactive, and online games fun!

JavaScript for Kids is a light-hearted introduction that teaches programming essentials through patient, step-by-step examples paired with funny illustrations. It is a prototype-based, multi-paradigm scripting language that is dynamic, and supports object-oriented, imperative, and functional programming styles.

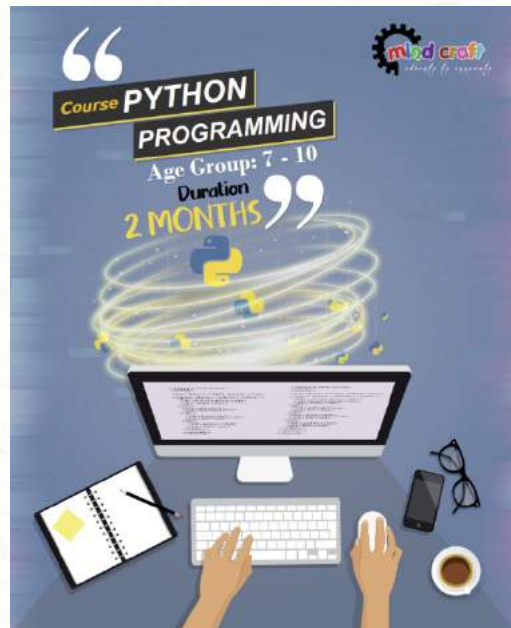
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Python Power: Basic Python

Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built-in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse. The python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms and can be freely distributed.

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eSTEAM empowerment for girls:

We believe that we have a long way to go in terms of women empowerment and creating a sustainable platform for girls to learn from a very early age that, "education and opportunities are equal and should be equally available for both boys and girls." If we start now, then maybe in the future of our generation will understand the importance of equality in every sector of life. That is why in Mind Craft Academy we approach every child with the same treatment and importance so that all of them especially girls real comfortable learning better by asking more questions.

Research shows that at the age of 5 and 6, children, especially girls' perception of eSTEAM subjects and eSTEAM based learning begins to change. They may start to lose confidence, believing that eSTEAM is something only boys do well – and not an area in which girls excel.

This perception continues throughout school and into career choices after graduation. Even more alarming, are the many myths and misconceptions in society about what girls do, and don't do well. This is reinforced by the under-representation of girls in eSTEAM related jobs.

Nothing could be further from the truth.



To meet the needs of a dynamic workforce centred on innovation and creativity, girls represent a unique perspective and untapped pool of talent. We need all young people to be learning eSTEAM skills and qualifications to ensure Bangladesh's competitiveness on the world stage. Our school is empowering girls from a young age, challenging these myths and misconceptions, and showing them that eSTEAM can help them change the world.

What does the future hold?

Our success would not be possible without the contribution of our clients and dedicated employees who have shared in our incredible journey thus far. We look forward to continuing to serve and support all of you in our efforts to exceed expectations.

Thank you for taking the time to go through our profile.