

Souvenir



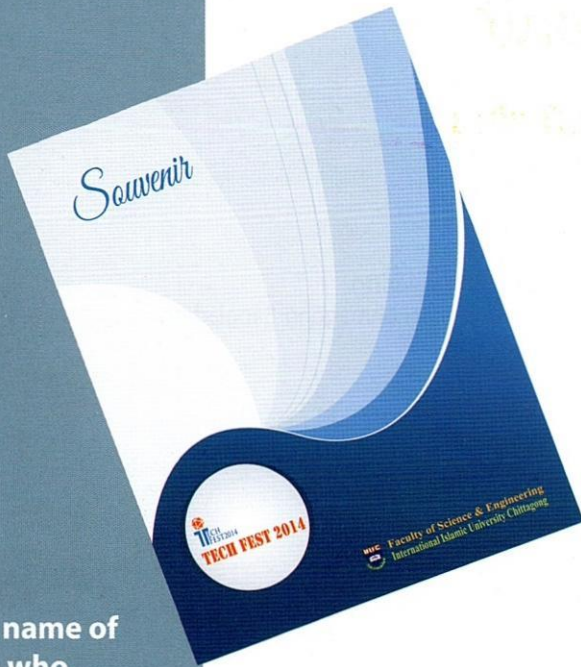
TECH FEST 2014



Faculty of Science & Engineering
International Islamic University Chittagong

Souvenir

 **TECH**
FEST2014



**"Recite in the name of
your Allah who
created -Created man
from a clinging sub-
stance. Recite and
your Allah is the most
Generous -Who
taught by the pen
-Taught man that
which he knew not."**

(96:1-5)

The Prophet Muhammad (peace be upon him) said: "A servant of God will remain standing on the Day of Judgment until he is questioned about his (time on earth) and how he used it; about his knowledge and how he utilized it; about his wealth and from where he acquired it and in what (activities) he spent it; and about his body and how he used it."

- Al-Tirmidhi, Hadith 148



Faculty of Science & Engineering
International Islamic University Chittagong

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Souvenir

TECH FEST 2014

03-04 December 2014
Chittagong, Bangladesh

Faculty of Science & Engineering,
International Islamic University Chittagong, Bangladesh

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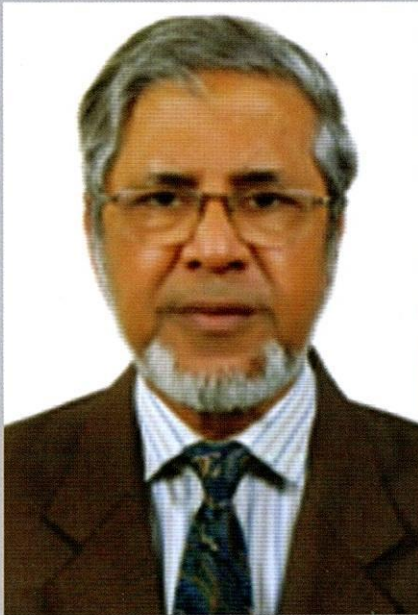
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Prof. Dr. A. K. M. Azharul Islam

Vice-Chancellor
International Islamic University Chittagong

I am pleased to learn that the Faculty of Science & Engineering of International Islamic University Chittagong (IIUC) is bringing out a Souvenir of "Tech Fest-2014". Such publication alongside the quest for knowledge in the respective disciplines gives students an opportunity to share their ideas and perceptions with their fellow students and readers in general and also helps them to develop their communication skills.

The aim of IIUC is to incubate new ideas, encourage innovation and research work in the discipline of Engineering, Science and Technology. Tech fest is known for hosting a variety of events that include competitions, exhibitions, lectures as well as workshops etc. At IIUC such event was started in 2003 with the aim of providing a platform for the students' community in IIUC to develop and show their technical expertise.

I do trust and hope that this Festival will make a meaningful contribution to the participants of IIUC and different institutions and equip them with qualities to meet every situation in their respective field of works.

I would like to congratulate the concerned teachers and students on shouldering such a noble effort and also I congratulate the Faculty of Science & Engineering of IIUC for organizing such an event and wish it a great success.

I wish continued success and prosperity of the publication.



Prof. Dr. Abu Bakr Rafique

Pro Vice-Chancellor
International Islamic University Chittagong

In the name of Allah, the Most Merciful, the Most Compassionate

This is a matter of extreme pleasure for me to congratulate the Faculty of science & Engineering (FSE) of International Islamic University Chittagong (IIUC) on taking an appreciable initiative for organizing the **"TECH FEST 2014"**. This is indeed a creative academic venture, offering opportunity to the teachers and students concerned to articulate their ideas and thoughts.

The observance of this Festival by FSE is of prime importance in this era of Globalization, where Technological Knowledge is considered a must for becoming a leading nation in the world. In pursuit of this goal, IIUC is committed to encourage the young engineers to contribute towards research and development by providing them a favorable environment for learning and innovation.

The FSE deserves appreciation for organizing this Festival, like wise IBBL and other sponsors deserves special thanks for sponsoring this event, especially in a situation when the Government of the People's Republic of Bangladesh is putting all its thrust to the development of Technological sector in Bangladesh.

I do strongly hope that this Festival will play a meaningful role in reaching the desired goal of Digital Bangladesh. I insist the students to become enlightened with the knowledge by participating in this stimulating, productive and encouraging festival.

I wish this program be considered as fruitful and successful as well.



Prof. Ahsanullah

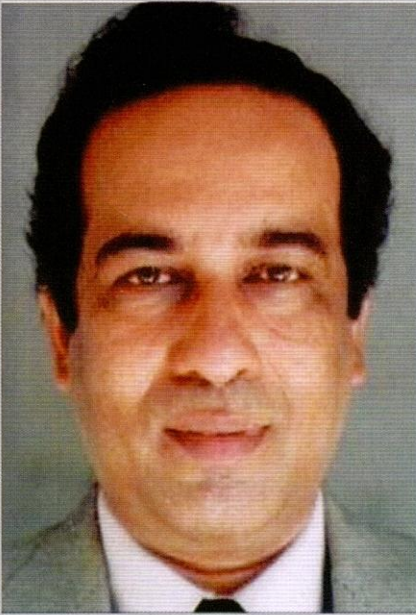
Chairman (In-Charge), Board of Trustees
International Islamic University Chittagong

I feel delighted to know that the Faculty of Science & Engineering of International Islamic University Chittagong is going to publish a souvenir on the occasion of Tech Fest 2014.

I am happy to know that a good number of colleges and universities, both public and private, are participating in this festival. We feel encouraged at their active responses. We are also highly thankful to all the sponsors of this grand event.

Technology has emerged as the most promising sector in the global economy; so its importance cannot be described in a few words. I believe that Tech Fest 2014 will open up a new vista of knowledge for our students, make a meaningful contribution to the participants of different institutions and equip our students with qualities to meet every situation in their respective fields of work.

I congratulate Faculty of Science & Engineering for organizing such an event and wish it a great success.



Dr. M. Kaykobad

Professor

Department of Computer Science & Engineering

Bangladesh University of Engineering & Technology (BUET)

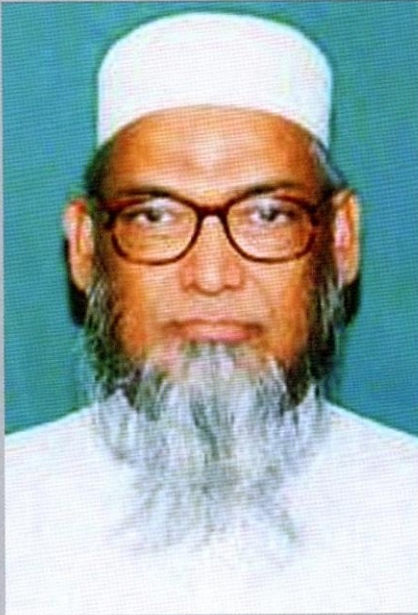
Dhaka, Bangladesh

I have the privilege of writing messages for festivals like Tech Fest, IT Fest organized by IIUC for many years. IIUC has been playing pioneering role in organizing co-curricular activities including programming contests on a very regular basis, and thus contributing to the sharpening of programming and problem solving skill of our young students. As a result of these initiatives our young graduates of different universities are getting job offer from prestigious companies like Microsoft, Google and other companies implying that computer education and other co-curricular activities that we have been organizing are profusely contributing to the development of technical skill which is so important for creating "Digital Bangladesh" as spelled out by the current Government.

IIUC has been playing a very commendable role in introducing and popularizing programming contests in Bangladesh in general and in Chittagong region in particular. Through Tech Fest young, energetic students full of ideas are getting opportunity to implement some of their ideas. With stronger club activities and the experience of organizing events like Tech Fest our students are improving their leadership skill.

I am sure like previous Tech Fests this one has equally created a lot of enthusiasm among students and converted some of their ideas into reality.

I wish the organizers a grand success.



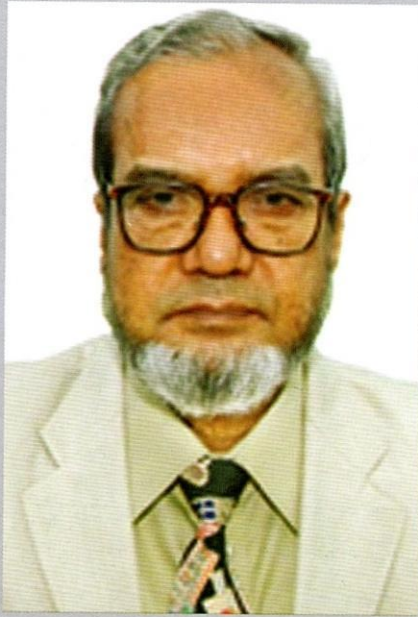
Dr. M. Abdus Samad

Professor, Department of EEE, KUET
Ex Vice-Chancellor, Prime University

I am delighted to hear that Faculty of Science & Engineering (FSE) of International Islamic University Chittagong (IIUC) is going to arrange a festival titled Tech Fest 2014. I also learn that students from colleges and universities all around the city will participate in this auspicious event.

Technology has been one of the prime concerns of the present world. Science and Technology is the core sector where sustainable development is required. I hope Tech Fest 2014 will play a pivotal role in spreading and advertising technology among youths. I hope it will inspire the students and help them to face real competitions with confidence. At the same time students as well as organizers should be aware that deeper understanding of basic science is as important as the proper use of technology. These areas stand at complementary to each other.

On this important occasion, I extended my congratulation and inspire the participants and organizer of the Tech Fest for a successful event. I wish Tech Fest 2014 a grand success and hope that Faculty of Science & Engineering (FSE) of International Islamic University Chittagong (IIUC) would organize similar programs and activities in the technological sector in the national and international level as well.



Prof. Dr. Md. Delawer Hossain

Dean, Faculty of science & Engineering, IIUC
Convener, Tech Fest 2014

I am delighted to welcome you all to our grand occasion titled Tech Fest 2014 organized by Faculty of Science & Engineering (FS&E) of International Islamic University Chittagong.

The purpose of arranging such festival is to compile multiple Science and Technology based competitions under one big banner. This contest will definitely play an immense role in the development of mindset and skill in the related fields of Technology. Many students from some other university as well as some college students will compete among each other in this festival. I believe this competitive environment will help to foster the confidence of all the participants.

I would like to express my profound gratitude to the Honorable Vice Chancellor of International Islamic University Chittagong Prof. Dr. A. K. M. Azharul Islam for his valuable support in making this event a grand possibility. We are grateful to Honorable Pro-Vice Chancellor of the university Prof Dr. Abu Bakr Rafique for his valuable suggestion to make the festival a successful one. I heartily thank to all who worked very hard towards arranging this festival and special credit goes to the teachers, staff and students of the Faculty of Science & Engineering.

I warmly acknowledge the contribution of all the sponsors/ partners who have come forward and supported ever so greatly.

I utter my heartfelt thanks to the speakers, judges, guests, and participants for their presence and participation in the Tech Fest 2014.

I hope Tech Fest 2014 will be a regular event from now on and will stimulate the young minds of our country in a constructive way providing a challenging environment. Finally I wish a grand success of this biggest event.



Mohammed Shamsul Alam

Associate Professor
Department of Computer Science and Engineering, IIUC
Co-convener, Tech Fest 2014

I am very much thrilled to be a part of Tech Fest 2014 organized by Faculty of science & Engineering (FSE) of International Islamic University Chittagong. As the co-convener of the festival, I welcome all the participants and thank all the people working hard for this grand festival.

Since 2003, Department of Computer Science and Engineering has been organizing this sort of festivals which has been able to gather ICT professionals and enthusiasts. Later on other departments of FSE come forward to organize similar kind of festivals. This year, for the first time, all the departments of FSE have jointly organized Tech Fest 2014 which has created a grand opportunity for students, professionals and enthusiast for competition and cooperation in various disciplines of science and technology.

Youth today possesses a unique rave for up-to-date technologies and breakthroughs in the science & technology sector. Tech Fest creates a platform where such exuberant minds can share their thoughts and gain new insights into the vast world of science & technology. We continuously try to add new dimensions to the festival every year. Consequently, the popularity of the Tech Fest has been growing exponentially. We can see an ever so increasing number of participants every year. This year, I believe will be no different.

I would also like to congratulate the contestants and inspire them to accrue all the entertainments made available to them. I extend my felicitations to the organizing committee who worked day and night to arrange such a mega event.

On this occasion, I must express my gratitude to the sponsors, co-sponsors and partners who have contributed generously to make the festival successful.

I wish Tech Fest 2014 a grand success and hope that FSE would organize similar programs and activities in national and international level as well.



Mohammed Aktar Sayeed

Associate Professor, Dept. of Pharmacy
Member Secretary, Tech Fest 2014
International Islamic University Chittagong

It is a great pleasure for me as well as for all the members of the Faculty of Science & Engineering of International Islamic University Chittagong (IIUC) that we have organized a technological festival named **"TECH FEST-2014"** and now we are going to publish a souvenir on the eve of **"TECH FEST-2014"**. This is indeed a creative academic venture offering opportunity to the teachers and students concerned to articulate their ideas and thoughts.

IIUC is committed to encourage the youngster towards their moral development in course of travelling a four years path of research and development (R&D), by arranging cultural and technological festival, by providing a conducive environment for learning and innovation through a number of seminar, symposium, sports and brain storming.

We are really grateful to the Honorable Vice Chancellor of IIUC Professor Dr. A. K. M. Azharul Islam for his encouraging support all the time. We are also grateful to our Honorable Pro Vice Chancellor Professor Dr. Abu Bakr Rafique for his kind cooperation at every moment of this festival. We are also grateful to all the members of IIUC as well as all the participants and judges from other universities who are always stimulating and encouraging us in making the program a success.

At the end we are seeking everyone's appreciation for **TECH FEST** in making it a platform for presenting state-of-the-art technological achievements and for fruitful interactions among the participants.



A.N.M. Rezaul Karim

Associate Professor
Dept of Computer Science & Engineering
International Islamic University Chittagong

At the very outset, we would like to express our heartfelt gratitude to Almighty Allah (SWT) who has enabled us to publish a souvenir of Tech Fest-2014 held on December 3 & 4, 2014

For the first time a Souvenir was published on the occasion of IT Fest which was organized with the initiative of the Computer Club, Department of Computer Science & Engineering, IIUC in a small scale in 2011. For the 2nd time a Souvenir is going to be published on the occasion of Tech Fest which has already been held with the initiative of Faculty of Science & Engineering, IIUC on a large scale where 1000 participants participated in 2014.

The contents of the souvenir are initiated with the messages from dignitaries followed by write-ups of the faculty members, background of the Tech Fest, the organizing committee, Winners List, and Album etc.

The souvenir is a quest to keep the memories of Tech Fest-2014 alive in the minds of the faculty members, students, participants, media partners and well-wishers around us. I believe that this souvenir is like a mirror which reflects the comprehensive education system at IIUC with creative co-curricular activities besides its academic programs.

We would like to extend my ardent gratitude to all those who have contributed sincerely in various ways to make the publication successful. Despite our all-out care, there might remain some printing mistakes. We apologize if anything happens so.

May Allah accept our efforts and give us the best rewards here and hereafter.

Tech Fest 2014

Tech Fest -2014
03-04 December 2014

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Mr. Md. Aktar Sayeed, Associate Professor, Pharmacy	Member Secretary

Events:

- ◆ Seminar & Workshop
- ◆ Debate Competition
- ◆ Math Olympiad
- ◆ Tech Quiz Contest
- ◆ Project Show Competition
- ◆ Software Development Competition
- ◆ Inter-University programming Contest
- ◆ Computer Games Competition
- ◆ Poster Design Competition
- ◆ Idea Generation Competition

Inaugural Ceremony:

Date:	December 3, 2014
Venue:	IIUC Auditorium, Kumira
Chief Guest:	Professor Dr. A. K. M. Azharul Islam Honorable Vice Chancellor, IIUC
Special Guest:	Professor Dr. M. Kaykobad CSE, BUET
Chairman:	Professor Dr. Md. Delawer Hossain Dean, FSE, IIUC & Convener, Tech Fest 2014

Prize Giving Ceremony:

Date:	December 4, 2014
Venue:	IIUC Auditorium, Kumira
Chief Guest:	Professor Dr. Abu Bakr Rafique Honorable Pro-Vice Chancellor, IIUC
Special Guest:	Professor Dr. Md. Abdus Samad EEE, KUET & Former Vice Chancellor of Prime University
Chairman:	Professor Dr. Md. Delawer Hossain Dean, FSE, IIUC & Convener, Tech Fest 2014

Seminar

Date:	04 December 2014
Title:	Air-bot – an Unmanned Aerial Vehicle (UAV)
Presenter:	Engineer Zubair Al Billal Khan, IICT, BUET

Second Heidelberg Laureate Forum and

Dr. Mohammad Kaykobad

Professor, Department of CSE

Bangladesh University of Engineering and Technology (BUET), Dhaka

In the spirit of Lindau Conference of Nobel Laureates the German philanthropist Klaus Tschira, founder of the Klaus Tschira Stiftung, decided to create similar opportunity for Masters of abstraction- laureates of mathematics and computer science. These are the best minds who received either Fields Medal, regarded as the Nobel prize for mathematicians that can only be earned by people younger than 40 years in age and Turing prize winner regarded as defacto Nobel prize for computer science. In addition to these Nevanlinna prize winners recognized for contributions to theory of computation and Abel prize winners, in memory of the famous short-lived Norwegian mathematician Abel, are also invited to inspire some 200 young computer science and mathematics students and researchers from across the world. This held during 21-26 young researchers did discussing issues of highest achievers in felt myself very fortunate invited there at my 60 not feel thrilled to start Although the truth is the highest distinction, nature, did inspire me with whatever research could meet people I my teenage days and People like Stephen winner and father of tional complexity there would not have research, and I would



year the program was September when get an opportunity of interest with these these fields of science. I nate having been years of age when I may my research life again. that these people of but down to earth in at this age to try harder I wanted to carry out. I considered heroes in heroes even now. Cook- a Turing award theory of computa- without whose works been this field for not have a PhD degree

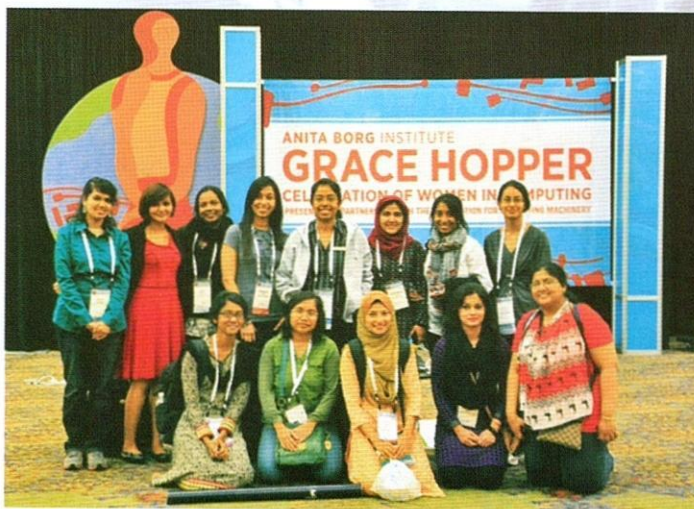
like many researchers in our field. At my invitation he was very kind to agree to speak at a video conference in our department at a suitable time. Not only are they achievers by themselves they like to inspire other people to attain such feats, and they will give their best to help young researchers in achieving such feats. There were Professor Hopcroft and Professor Tarjan, graduate student of the former, both winners of Turing awards and later a double laureate by winning Nevanlinna prize. Computer graphics giant Professor Ivan Sutherland, Professor Manuel Blum of MIT and of Venezuela, Dr Daniel Spielman a Nevanlinna prize winner were there. There were mathematicians of the highest achievement of which young Manujul Bhargava- this year's Fields medallist of Indian origin was there as was Srinivasa SR Varadhan of South India as an Abel prize winner. Ngo Bao Chao of Vietnam won Fields medal several years back and flew the war-ravaged Vietnam's flag in style. Performance of Vietnamese students in IMO does indicate that there will be many more successors of Ngo Bao Chao in near future. There were fields medallists from Russia Professor Efim Zelmanov and Vladimir Voevodsky.

Some 200 young researchers participated in this event in which fortunately there was a Bangladeshi representative in Himel Dev- a young lecturer from CSE Department, BUET. There was one more Bangladeshi attending from the University of Toronto. There were some 17 Indian students of which almost half from India and many of whom were supported by Indian institutions. This is the commitment of India for excelling in science and engineering. This is not an accident that India could successfully send their rocket to Mars being the first Asian nation to achieve that feat although did not have to spend significantly more than we are spending in building flyovers across the cities.

However, recently there has been several prodevelopment cultures like organizing mathematics Olympiads, International Olympiads in Informatics, Olympiads in Chemistry, Physics and other disciplines will be following. Of course

organizing programming contests have been forerunners of all our initiatives for academic excellence. These initiatives have become vibrant and exciting not only for students but also for guardians and teachers. Participation in ACM ICPC programming contests has resulted in many of our graduates getting lucrative jobs of Microsoft, Google and other world famous companies. This in turn is a recognition of all our efforts in Bangladesh in imparting world class knowledge and ICT skills in our young people. Achievers of IMO are getting offer from MIT, Harvard, Berkeley, Cambridge and Stanford thanks to the great Dr Mahbub Majumdar, coach of Bangladesh Mathematics Olympiad team and a graduate of MIT, Stanford and Cambridge. What a combination of Alma Maters one could own in a life! IOI alumni have also made it to MIT and National University of Singapore. I am sure very soon our achievers in Olympiad will make their place in all the finest universities on the Earth. Back at home they could make their place to Shahjalal University of Science and Technology thanks to efforts of Professor Md Zafar Iqbal and other faculties of the same spirit. Other universities are yet to prove themselves to be on the same boat as the finest universities on the Earth are.

Time has come for us to this forum who will be with great pride and researchers to replicate nately we did not have Bangladeshis in this mention that in this celebration there was a deshi young computer Dr. Taniya Siddiqua, Dr. Sopan, Dr. Tanzima Zerin Shantonu Hossain, Dr. Dewan, Dr. Shamsi Manabi Khan, Dr. Sadia Dr. Fariba Khan flew our of this highly advanced



have our own laureates in flying Bangladeshi flag inspire our own young the feat soon. Unfortunately any non-resident forum. I would like to year's Grace Hopper good batallion of Bangladeshi scientists. Dr. Nova Ahmed Zalia Shams, Awal Islam, Nabila Rahman, Sonia Jahid, Dr. Farhana Tamara Iqbal, Dr. Samira Afroz, Shampa Shariar and flags very high in the sky technology. With Iranian

multiple gold medallist of IMO Maryam Mirzakhani, being the first Fields Medalist among women, our girl students should get a lot of inspiration and confidence in their ability of doing hard science as was done by Marie Curie in the very initial days of Nobel prize.

Bangladeshi young talented computer students/scientists a Grace Hopper Celebration 2014

This Heidelberg Laureate Forum is going to be a regular annual event. I sincerely hope that our young researchers will avail of this opportunity of raising their level with inspiration from these highest achievers, and we will have people who will be invited as laureates to this prestigious forum to which the whole nation will be looking forward.

Masters of abstraction- Laureates of Mathematics and Computer Science at Heidelberg Laureate Forum 2014. A discussion on how to improve mathematics and computer science education in developing countries.

"If you teach your children three 'R's that is Reading, Writing and Arithmetic and leave the fourth R that is religion, then you will get fifth R that is rascality."

- Stanly Hull

Unmanned Vehicle Era

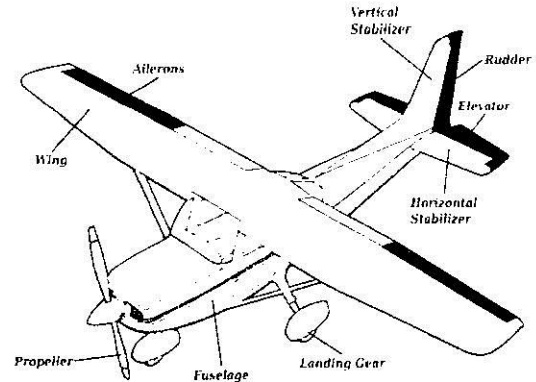
Zubair Al Billal Khan, Research Engineer, IICT, BUET

Autonomous operation is the cutting age technology, everywhere we want do something for me automatically & faster. From this concept engineers develop robots. Its work faster & accurate then human. But till now in application field it works as linier work flow. In outdoor works, surveillance, and emergency equipment's supply, rescue operation we need to send deferent type of vehicle deploy, but there is risk of human life. So robotics era has come.

The UAV is an acronym for Unmanned Aerial Vehicle, which is an aircraft with no pilot on board. UAVs can be remote controlled aircraft (e.g. flown by a pilot at a ground control station) or can fly autonomously based on pre-programmed flight plans or more complex dynamic automation systems. UAVs are currently used for both civil & military.

The military role of UAV is growing at unprecedented rates. In 2005, tactical and theater level unmanned aircraft (UA) alone, had flown over 100,000 flight hours in support of Operation ENDURING FREEDOM (OEF) and Operation IRAQI FREEDOM (OIF). Rapid advances in technology are enabling more and more capability to be placed on smaller airframes which is spurring a large increase in the number of SUAS being deployed on the battlefield.

On the hand civil use of UAV is endless. Carrying emergency equipment's, Medicine etc. can be carrying in rural area where we cannot go faster any other medium. AMAZON already provide a service called "Amazon Prime",



UAV Types:

Target and decoy - providing ground and aerial gunnery a target that simulates an enemy aircraft or missile

Reconnaissance - providing battlefield intelligence

Combat - providing attack capability for high-risk missions.

Research and development - used to further develop UAV technologies to be integrated into field deployed UAV aircraft

Civil and Commercial UAVs - UAVs specifically designed for civil and commercial applications.

Degree of Autonomy:

Some early UAVs are called drones because they are no more sophisticated than a simple radio controlled aircraft being controlled by a human pilot (sometimes called the operator) at all times. More sophisticated versions may have built-in control and/or guidance systems to perform low level human pilot duties such as speed and flight path stabilization, and simple prescreened navigation functions such as waypoint following.

Autonomy technology that will become important to future UAV development falls under the following categories:

Sensor fusion: Combining information from different sensors for use on board the vehicle. It becomes our vehicle more intelligent.

Communications: Handling communication and coordination between multiple agents in the presence of incomplete and imperfect information

Motion planning (also called Path planning): Determining an optimal path for vehicle to go while meeting certain objectives and constraints, such as obstacles

Trajectory Generation: Determining an optimal control maneuver to take to follow a given path or to go from one location to another

Task Allocation and Scheduling: Determining the optimal distribution of tasks amongst a group of agents, with time and equipment constraints

Cooperative Tactics: Formulating an optimal sequence and spatial distribution of activities between agents in order to maximize chance of success in any given mission scenario



Autonomy is commonly defined as the ability to make decisions without human intervention. To that end, the goal of autonomy is to teach machines to be "smart" and act more like humans. The keen observer may associate this with the development in the field of artificial intelligence made popular in the 1980s and 1990s such as expert systems, neural networks, machine learning, natural language processing, and vision. However, the mode of technological development in the field of autonomy has mostly followed a bottom-up approach.

To some extent, the ultimate goal in the development of autonomy technology is to replace the human pilot. It remains to be seen whether future developments of autonomy technology, the perception of the technology, and most importantly, the political climate surrounding the use of such technology, will limit the development and utility of autonomy for UAV applications.

UAV Endurance:

Because UAVs are not burdened with the physiological limitations of human pilots, they can be designed for maximized on-station times. The maximum flight duration of unmanned aerial vehicles varies widely. Internal combustion engine aircraft endurance depends strongly on the percentage of fuel burned as a fraction of total weight (the Breguet endurance equation), and so is largely independent of aircraft size. Solar electric UAVs hold the potential for unlimited flight, a concept championed by the Helios Prototype, which unfortunately was destroyed in a 2003 crash.

Many people have mistakenly used the term Unmanned 'Aerial' System, or Unmanned 'Air Vehicle' System instead of Unmanned Aircraft System.

In developments of Unmanned Vehicle need deferent field of Engineers, Say for an Example an UAV deployed it necessary to collaborate with Aeronautical Engineers, Mechanical Engineers, Electrical Engineers, Electronics Engineers, and software Engineers, Web developer, Chemical Engineers, Material Engineers, Automobile Engineers, Architect, Environmental & geographical specialist. So autonomous Control Engineering would be the next era for the Engineers.



Tech Fest 2014

Tanveer Ahsan, Associate Professor, CSE
Mst. Shahnaj Parvin, Assistant Professor, CSE

A two-day long grand festival of technology Tech Fest 2014 was organized by the Faculty of Science and Engineering (FSE) of International Islamic University Chittagong (IIUC) on 3rd and 4th December, 2014. Departments of FSE, IIUC has been organizing this kind of festival since 2003. This 11th instance of festival of technology was organized jointly by all the departments of FSE this year. Besides Inaugural Ceremony and Prize Giving Ceremony there were a handful of events which were hugely participated by the students of different departments of IIUC as well as other universities. The events were Project Show Competition, Idea Generation Competition, Tech Quiz Contest, Poster Design Competition, Inter-Department Debate Competition, Inter-University Computer Programming Contest, Software Development Competition, Cyber Games Contest, Math Olympiad, Seminars and Workshops. All the events took place in the permanent campus of IIUC at Kumira.

Inaugural Ceremony

Inaugural Ceremony of Tech Fest 2014 was held on the 3rd December 2014 at IIUC Auditorium. Professor Dr. A. K. M Azharul Islam, honorable Vice Chancellor of IIUC graced the ceremony as the Chief Guest. Professor Dr. M. Kaykobad, CSE, BUET was present as the Guest of Honor. Professor Ahsan Ullah Bhuiyan, Chairman (In-Charge) IUC Trust, attended the program as Special Guest. Member of the Trusty Board of IIUC Moulana Muminul Haque Chowdhury was also present in the occasion as a Special Guest. The program was presided over by Dr. Mohammed Delawer Hossain, Dean, Faculty of Science and Engineering. The program begins with the recitation from the holy Qur'an. The welcome speech of the Tech Fest 2014 was given by the Co-convenor of the festival Mohammed Shamsul Alam, Associate Professor, Department of Computer Science and Engineering. Heads of the Departments of CSE, EEE, ETE and Pharmacy Md. Monirul Islam, Dr. Md. Shakawat Zaman Sarker, Engr. Md. Razu Ahmed and Md. Abu Sayeed also gave their speech on the occasion.

The Chief Guest reminded the audience that the students of Indian Subcontinent had a long tradition of establishing themselves as the world renowned scientists by employing their intellect properly. While this was the scenario in pre-partition India, now-a-days, we have lagged far behind from that practice of nurturing the intellect. The purpose of IIUC behind organizing festivals like Tech Fest since 2003 is to bring the glory of the nation back to its hand. This kind of festivals and competitions facilitate the proper nurturing of intellect in place of parrot like memorization, he added. Prof. Azharul Islam also informed that this university ensures moral upbringing of its students as well as providing of formal education. Because of this, students of this institution have been able to keep away from immoral activities prevalent in today's society.

Guest of Honor Prof. Dr. Kaykobad said that our country is an immensely promising one. We seem to be backward because of our failure in converting the vast population into human resource. In terms of natural resources and population Bangladesh and Japan are at par. Both the countries face natural calamities every now and then. While Japan is progressing day by day by inventing new technologies, Bangladesh, on the other hand, is looking for the foreign aid routinely. This happens only because we are not properly nurturing and using the intellect of our people. Nevertheless, our young students have been able to gain access in the top most technological companies by making devoted use of their intellect. He praised IIUC for organizing this type of competitions every year and creating opportunities for the students for exposing their qualities where other universities do not arrange this type of competitions even in five years. He urged all the concerned to arrange this type of intellect based competitions even more and increase the research activities. In his concluding speech, the President of the session Dr. Mohammed Delawer Hossain informed that around 1000 students participated in this festival.

Inter University Programming Contest

In keeping with the tradition of the Department of CSE in arranging Inter University Programming Contest continuously in the past years, the eleventh instance of the contest was held as part of the Tech Fest 2014. This grand event was participated by 25 teams representing 7 universities from Chittagong region. Professor Dr. Md. Delawer Hossain, Dean

of Faculty of Science and Engineering and Convener of the Organizing Committee of the Tech Fest 2014, formally inaugurated the 11th IIUC Inter University Programming Contest on Thursday, November 27, 2014. Head of the Department of CSE Md. Monirul Islam presided over the Opening Ceremony. Among others, Associate Professor of the Department and the Contest Director Tanveer Ahsan and Monjur UI Hasan, Assistant Professor of Chittagong University of Engineering and Technology (CUET) gave speech on the occasion. While addressing the audience, Professor Hossain said that there is no alternative to computer programming to survive in this information age. Programming contest is a place where the students compete to exhibit their skills in programming and being skillful in Mathematics and Algorithms is a must to become successful in programming contests, he added. It is a place where the participants learn to become self dependent and patient. He advised the students to apply these knowledge and qualities in practical fields so that they can excel in programming contests as well as in real life. After a long battle of brain which extends five hours, CUET Strangers from Chittagong University of Engineering and Technology emerged as the Champions. Members of the team were Jannatul Ferdows, Md. Nure Alam Nahid, Abdul Quayum with Priyam Biswas as their coach. CUET One_1 from the same university secured the second position while IIUC Awla Jhawla of the International Islamic University of Chittagong grasped the third position. Members of CUET One_1 were Dipta Das, Abdul Kaium, Maruf Tuhin and their coach was Md. Monjur UI Hasan. Chy. IIUC Awla Jhawla was coached by Md. Azher Uddin while the contestants were Mohammed Tawsif Khan, Yousha Faroquey, Kazi Shoaib Muhammad. CUET SS was the best among the female teams. Its members were Sumaia Akter, Sabera Jamila, Nusrat Jahan and Md. Monjur UI Hasan acted as the coach of the team. The judges of this contest were Md. Mahadi Hasan, Monjur UI Hasan, Md. Azher Uddin, Shayhan Ameen Chowdhury, Saifur Rahman, Shamima Akter and Lutfun Nahar. Prasenjit Barua Linkin of BUET coordinated the big task of problem setting. After the contest the analysis of the problemset was presented by Tanveer Ahsan, Associate Professor of the Department. Associate Professor and Co-Convener of the Organizing Committee of the Tech Fest 2014 Mohammed Shamsul Alam declared the final result. An online version of the contest took place in UVa Online Judge on November 30 at 3:00 pm where contestants from different countries participated.

Poster Design Competition

Another event which has been staged for the first time in IIUC was Poster Design Competition. S. M. Taslim Reza, Lecturer, EEE acted as the convener of the event. About 28 groups from 3 departments participated in the Selection Round of the competition. Selection was done by the respective departments at the convenient places of the departments from 26th November 2014 to 30th November 2014. A total of 18 groups with 44 members presented their engineering projects by means of posters in the final competition. The final contest was held on 4th December, 2014, 11.00 am – 01.00 pm in the lobby of the IIUC Central Auditorium at permanent Campus. A team of 4 judges Dr. M. Abdus Samad, Professor, Dept. of EEE, KUET, Mr. Md. Ahsanul Hoque, Lecturer, EEE, IIUC, Mr. Md. Rafikul Islam, Lecturer, Pharmacy, IIUC, Ms. Sanjida Sharmin, Lecturer, CSE, IIUC judged the presented projects. A team from the Department of EEE (Md. Mahbubur Rahman, S.M. Imdad Bin Haider & Mohd. Imran Bin Iqbal) secured the 1st position. Their project title was Digital Learning Display for Children Based on Cascaded Dot Matrix Display with Wireless Control. Another team from EEE (Md. Raquib Uddin & Maher Abdullah) obtained the 2nd position and their project title was Bengali Character based Digital Clock using 13-segment LED Display. A team from Pharmacy (Md. Shariful Islam, Chayan Dhar, Mahmud Mostafa Hridoy) ranked 3rd and their project title was Antibiotic Resistance.

Project Show

The Hardware Design Competition titled Project Show was held on 4th of December 2014 in front of IIUC Central Library at the Permanent Campus of IIUC, Kumira. A total of 27 groups with 60 participants from 3 departments of IIUC with their interesting Hardware Projects participated in the contest. Earlier, 15 groups for the final round were selected in a selection round held on 3rd December 2014. Mr. Reaz Ahmed Zahedi, Assistant Professor, ETE, Mohammed Abdul Kader, Lecturer, EEE and Md. Sazid Zaman Khan, Lecturer, CSE were the Judges of the selection round while Md. Abdus Samad, Assistant Professor, ETE, Mohammed Faisal, Lecturer, EEE and Md. Mohiuddin, Assistant Professor, CSE acted as the Judges in the final round. Abu Riduan Md. Foisal, Assistant Professor, ETE was the convener of the event. A project from the Department of EEE secured the 1st position. S.M. Imdad Bin Haider was the only member of that team. A team from CSE named CSE-Fly (Aurnab Barua and Hurun-or-Rashid Rakib) obtained the 2nd position and another team from ETE named Team Spark (Md. Mahmudul Islam, Md. Abdul Hannan and Shidhartta Sankar Barua) secured the 3rd position. A special award was given to the Best Emerging Young Engineer of the event. A team from ETE named ETE Spectrum (Md. Golam Mortuja, Zia Uddin Ahmed and Tanvir Alam) won this special award.

Idea Generation Competition

Idea Generation Competition, which was held for the first time in an IIUC Tech Fest, was participated by 24 groups with 72 participants from 5 departments. The Primary Round was held on December 1, 2014 at the Hall Room of the Department of Pharmacy. A total of 8 groups with 24 Participants were selected for the Final Round. The final Round was held on December 3, 2014 in the IIUC Auditorium. The Distinguished Guest, Dr. Aslam Hossain, Professor, Department of Pharmacy, University of Dhaka was present in the final round. The Projects were judged by a team of 6 judges comprising of Dr. Quazi Delwar Hossain, Head & Associate Professor, Dept. of ETE, CUET, Dr. M. Moshuiul Haque, Associate Professor, Dept. of CSE, CUET, Dr. S.C. Roy, Associate Professor, Dept. of Pharmacy, USTC, Kazi Tanvir Ahmmed, Assistant Professor, Dept. of Applied Physics & Electronics, CU, S M Tareq, Assistant Professor, Dept. of Pharmacy, Southern University and Faisal Bin Al Abid, Lecturer, Dept. of CSE, IIUC. Convener of the event was Dr. Mir. Ezharul Hossain, Professor, Pharmacy.

Tech Quiz Competition

The Tech Quiz Competition took place immediately after the inaugural ceremony with participation of students from different departments of the university. The theme of the contest was "Frequently Fast". Mojaharul Islam, Assistant Professor, Dept. of ETE, IIUC was the convener of the event. Mojaharul Islam, Assistant Professor, Dept. of ETE, IIUC was the convener of the event. The primary selection round of the contest was held on December 1, 2014 in three different venues in Permanent Campus at Kumira, City Liaison Office at Chawkbazar and Bahaddarhat Female Academic Building simultaneously. A total of 28 contestants were selected for the final round out of 430 students. The final round was organized in a very attractive manner. Mohamed Fazlan Ahamad from ETE department secured the 1st position while Mohamed Shafeek Mohamed Shafkan from EEE, Mohammed Saleem Mohamed Safran from ETE, Md. Syed Abadin from ETE and Tanvir Ahmed of CSE obtained the 2nd, 3rd, 4th and 5th positions respectively.

Software Development Competition

The Software Development Competition was enriched with different Application, Gaming and Utility Software. 13 teams participated in the contest. The event started with software exhibition and ended with a judging round. The Competition was held on December 3, 2014 at 2:00 PM in the Faculty of Science and Engineering Building, IIUC Permanent Campus at Kumira. Tanveer Ahsan, Mst. Sahanaj Parvin, Saifur Rahman, Shayhan Ameen Chowdhury and Md. Tafhim ul Islam acted as the judges for this event. Convener of the event was Md. Mahadi Hassan, Associate Professor, CSE. The Winners are Nashita Islam, Fariha Nowshin Piyal, Syeda Sharmin Aktar for CTG Yellow Page (1st Place), Chy Mohammad Tawsif Khan for Finding Nearby Stuff (Android Application) (2nd Place) and Iftekhar Islam Chy, Moinuddin Ahmed Majumder, Abdullah Al Kowser for DVD Rental Web Application (3rd Place).

First Security Islami Bank IIUC Inter Department Debate Competition

"যুক্তির দর্পণে বিকশিত হোক সত্য" along with this slogan was organized 'First Security Islami Bank IIUC Inter Department Debate Competition 2014'. Convener of the event was Mominur Rahman, Assistant Professor, Pharmacy. 120 students from nine departments of IIUC participated in this event. In total 20 judges were involved in different rounds of the competition. A workshop on pronunciation, presentation, script preparation, parliamentary debate and guidelines for debate moderators were conducted on November 26, 2014 at the hall room of the Department of Pharmacy, IIUC. Professor Dr. Abu Bakr Rafique, the honorable Pro Vice Chancellor of IIUC was present as the Chief Guest of the workshop. In his speech the honorable Pro VC said that debate is essential for promoting the enlightened individuals.

The contest was held in parliamentary format and consisted of several rounds. In the final round of the competition, Zonal Head and Senior Vice President of the sponsoring bank (First Security Islami Bank) Mr. Wahidur Rahman expressed his appreciation for this excellent initiative and congratulated the logical generation and hope to lend their helping hand in such kind of creative competition. Professor Dr. Delwar Hossain, Dean, Faculty of Science and Engineering and Convener Tech Fest 2014 thanked all for tremendous cooperation and hoped in near future this bright debater will lead the country and will be able to touch their dream. The final competition for the female contestants was held on December 2, 2014 at the Female Academic Building of IIUC. A team from the Department of CSE (Israth Jahan Chy, Umme Hani, Kazi Rifah) was the Champion of the contest and the Runner Up team was from the Department of LLB. The Government party became the Champion and the Best Speaker was the Prime Minister- Ishrat Jahan Chy. The final competition for the male contestants was held on December 4, 2014 at IIUC Auditorium. A team from the Department

of LLB (Md. Mohiuddin Abir, Md. Hasnat Kabir Fahim and Mohammed Younus) was the Champion of the contest and the Runner Up team was from the Department of EEE (Nawsher Ahmed, Md. Ashraf Ur Rahman and Mohaiminul Islam). The Government party became the Champion and the Best Speaker was the Minister Md. Hasnat Kabir Fahim.

Cyber Games Contest

A total of 85 male and 20 female students from 7 departments participated in Cyber Games Contest. 16 male and 12 female students were selected for the final round of the contest. With a very enjoying contest the final round of the games took place. The games selected for the contest were NFS, Roadrash. Both the selection round and final round for the female contestants were held on 30th November 2014 at 2:00 pm. The selection round for the male students was held on 1st December 2014 and the final round took place on 3rd December 2014. Khandakar Abdullah Al Mamun, Lecturer, EEE and Khurshedul Islam, Lecturer, EEE acted as the judges in the dashing event. The Winners are Fahanatul Jannat (1st), Shirin Akhter (2nd) and Sanjida Farzana (3rd) from female section and Md. Ahsan Ullah (1st), K A M Sayeed (2nd) and Ismail Hossain (3rd) from male section. Shafait Ahmed, Lecturer, EEE acted as the convener of the event.

Inter University Math Olympiad

A big event of the festival was Inter University Math Olympiad for Chittagong Region. A.N.M. Rezaul Karim, Associate Professor, CSE was the convener of the event. A total of 100 participants from 4 different Universities (IIUC, BGC Trust University, East Delta University and Southern University) competed in it. Prof. Dr. M. Kaykobad, Department of CSE, BUET was the distinguished guest of this event. The event was held on December 3, 2014 at 2:30 pm in the Dept. of ETE, IIUC. Before the final contest, a selection contest was organized. A big team of 9 judges was involved in evaluation of the participants and processing of the result of the event. Prof. Dr. M. Kaykobad encouraged the students saying that they should spend their valuable times by thinking some problems in mathematical aspect and trying to solve those problems instead of watching movies. Dibhya Dasgupta from CSIT, Southern University, Bangladesh has got the 1st position, Md. Mohiuddin from CSE, BGC Trust University, Bangladesh has got the 7th position and the other 2nd to 6th positions are from IIUC (2nd - Samin Yeasar, CSE, 3rd - M. Mansoor Mohammed Razmi, EEE, 4th - Md. Shafiuddin, CSE, 5th - Md. Saif Ali, CSE, 6th - Md. Nayim Uddin, EEE).

Seminar on Air-bot – an Unmanned Aerial Vehicle (UAV)

Besides other events, a seminar titled “Air-bot – an Unmanned Aerial Vehicle (UAV)” was arranged in Tech Fest 2014. It was held on 4th December, 2014. The Seminar was on Unmanned Aerial Vehicle (UAV), commonly known as a drone. The basic operation of a UAV was explained in the seminar followed by a live demonstration. There are many different names for these aircraft. They are called UAS (unpiloted air system), UAV (unpiloted aerial vehicle), RPAS (remote piloted aircraft systems). Their flight is controlled either autonomously by onboard computers or by the remote control of a pilot on the ground or in another vehicle. Historically, UAVs were simple remotely piloted aircraft, but autonomous control is increasingly being employed. They are usually deployed for military and special operation applications, but also used in a small but growing number of civil applications, such as policing and firefighting, and nonmilitary security work, such as inspection of power or pipelines. UAVs are often preferred for missions that are too “dull, dirty or dangerous” for manned aircraft. Zubair Al Billal Khan, Research Engineer, IICT, BUET and a graduate of IIUC was the speaker of the seminar. He exhibits the flying of the UAV in front of the central library of IIUC after the seminar. 4 UAVs, made by his team, pleased the students, teachers and staff of IIUC.

Prize Giving Ceremony and Conclusion

The Tech Fest 2014 came to an end with the Prize Giving Ceremony. The Ceremony was held on 4th of December 2014 at 3:00 pm at IIUC Central Auditorium in Permanent Campus. Honorable Pro-Vice Chancellor of IIUC Professor Dr. Abu Bakr Rafique graced the occasion as the Chief Guest while Dr. M. Abdus Samad, Professor, Dept. of EEE, KUET remain present as the Special Guest. Dr. Mohammed Delawer Hossain, Dean, FSE presided the session. The program begins with the recitation from the holy Qur’an. The welcome speech covering the Tech Fest 2014 was given by the Member Secretary of the Festival Mohammed Akter Syed, Associate Professor, Department of Pharmacy. In his speech, the special guest gave importance on the benefits of this kind of festival. The Chief Guest, Special Guest and President of the session handed over the prizes to the winners of different events. During his speech, the Chief Guest urged the students to become enlightened with knowledge. He insisted to gain the power of knowledge ignoring the obstacles. Honorable president of the session asked to gain knowledge with humanity while admitting to Chief Guest’s statement.

The festival of this year has got a special dimension for delivering voluntary services like free medical checkup, dental checkup and blood grouping. These services were given with the sponsorship of International Islamic Medical College Hospital and Chattagram International Dental College Hospital. As a whole, the total Festival was a result of hard work by the students as well as the faculties of the organizing Departments of the Faculty of Science and Engineering of International Islamic University Chittagong. In near future such initiative may lead to the advancement of technological knowledge as well as other co-curricular activities to its apex with sincere and active participation of the students and academics of science and technology.

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Tanveer Ahsan
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Mohammed Safiullah
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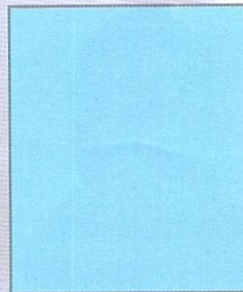
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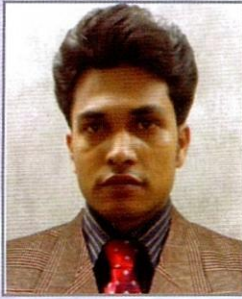


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- ◆ Development Time: 15days (Dynamic Pages Dependent)
- ◆ Regular Price: 20000
- ◆ **Current Offer: 15000**



Faculty Members

Department of Electrical & Electronic Engineering (EEE)



Dr. Md. Delawer Hossain
Professor



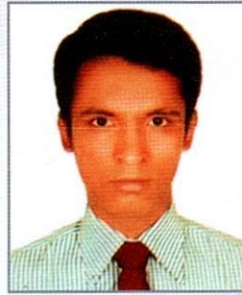
Dr. Md. Shakowat Zaman Sarker
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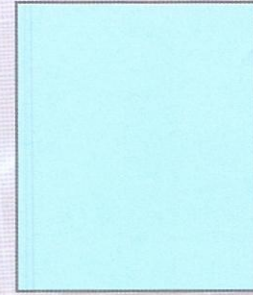
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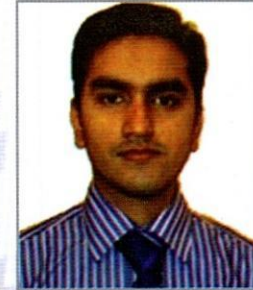
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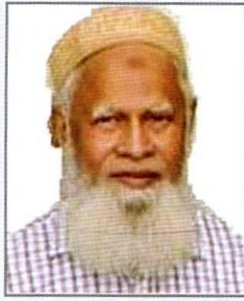
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Omar Faruk
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With best compliments

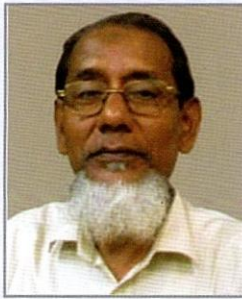
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Faculty Members

Department of Pharmacy



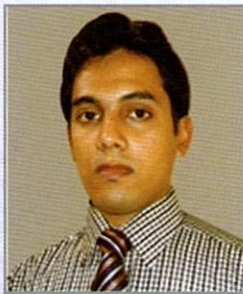
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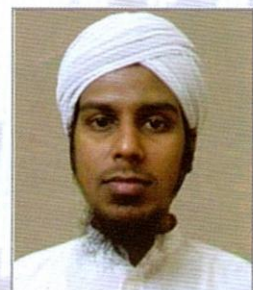
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Md. Hazrat Ali
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ASM Ali Reza
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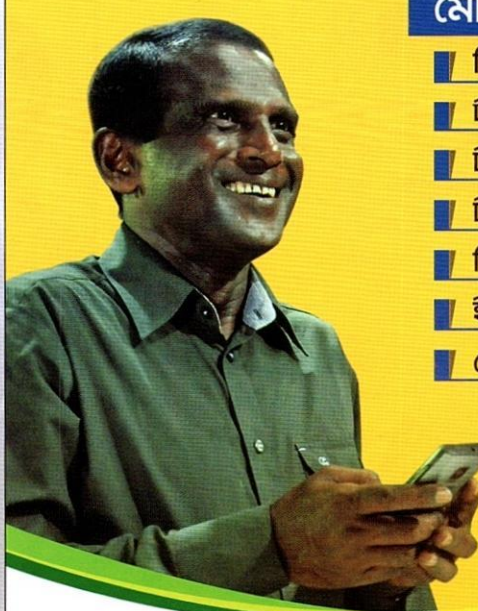
Mst. Samima Nasrin
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টাকা পাঠাই ফোনে ফোনে

ফার্স্ট সিকিউরিটি ইসলামী ব্যাংক লিঃ-এর মোবাইল ব্যাংকিং সেবা
“এফএসআইবিএল ফার্স্ট সে শিওরক্যাশ” এর মাধ্যমে টাকা পৌঁছে যাবে নিমিষেই।



মোবাইল ব্যাংকিং সেবা সমূহ

- ফ্রি একাউন্ট
- টাকা জমা
- টাকা উঠানো
- টাকা পাঠানো
- শিক্ষা প্রতিষ্ঠানের যাবতীয় ফি প্রদান
- ইউটিলিটি বিল পেমেন্ট
- কেনাকাটা

“ফ্রি”
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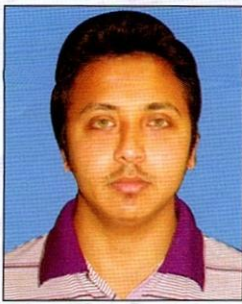


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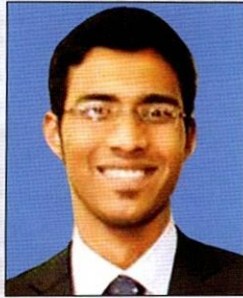
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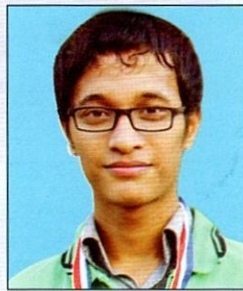
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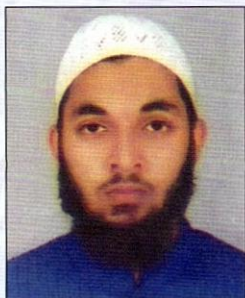
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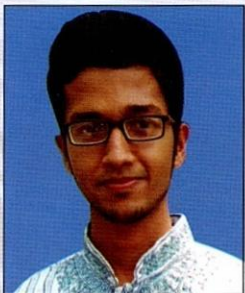
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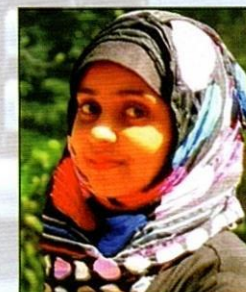
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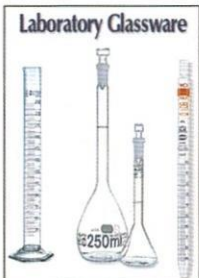
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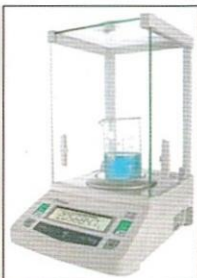
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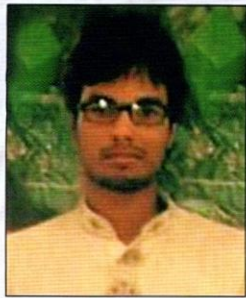
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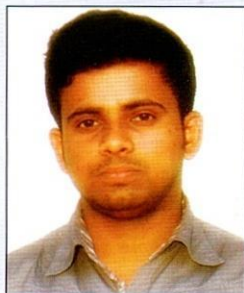
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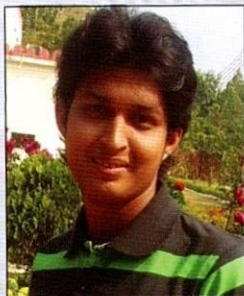
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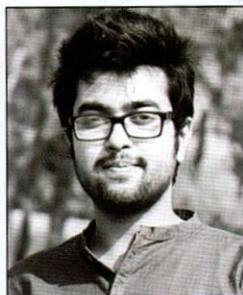
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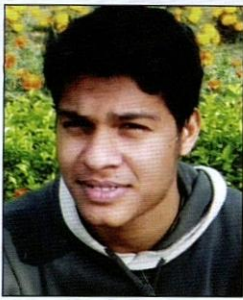
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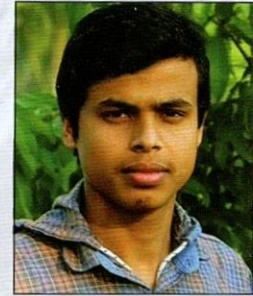
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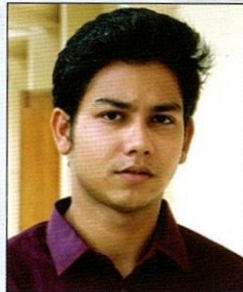
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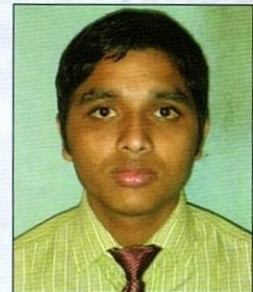
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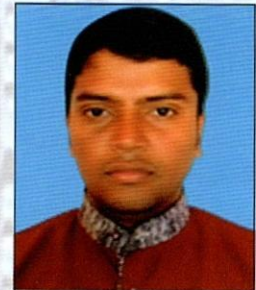
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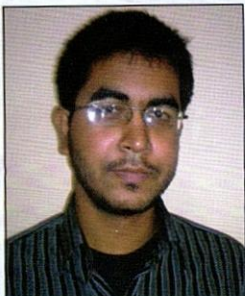
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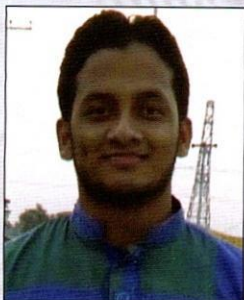
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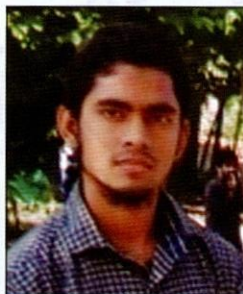
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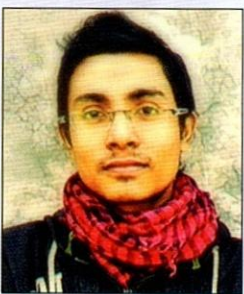
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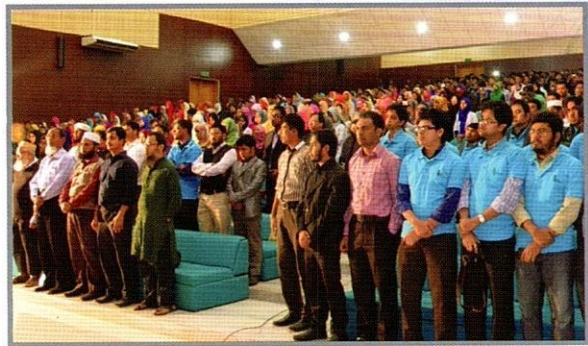
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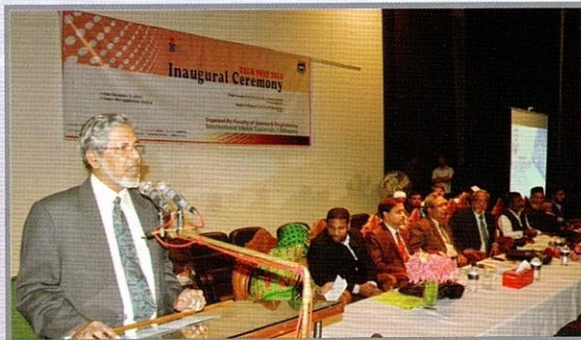
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Honorable guests showing tributes on recitation of National Anthem



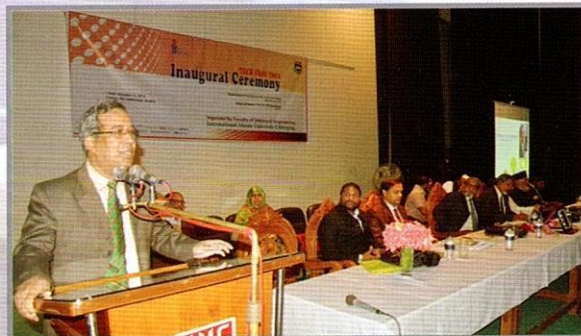
Faculty members and students paying homage to the National Anthem



Prof. Dr. A.K.M. Azharul Islam, Hon'ble Vice Chancellor, IIUC speaking at the inauguration of the IIUC Tech Fest 2014



Prof. Dr. Abu Bakr Rafique, Honorable Pro-Vice Chancellor, IIUC speaking at the Prize Giving Ceremony of Tech Fest 2014



Guest of Honor, Prof. Dr. M. Kaykobad, CSE, BUET speaking at the inauguration of the IIUC Tech Fest 2014



Prof. Dr. Md. Delawer Hossain, Dean, Faculty of Science & Engineering, IIUC and Convener, Tech Fest 2014 speaking at the at the Inaugural Ceremony



Prof. Dr. Md. Delawer Hossain, Dean, FSE, IIUC presenting token of appreciation to Prof. Dr. Md. Abdus Samad, EEE, KUET & Ex VC of Prime University

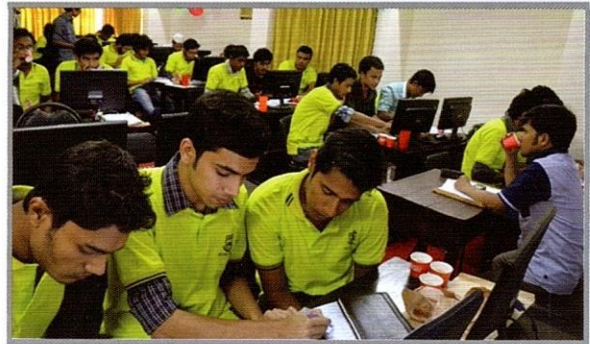


Mr. Md. Shamsul Alam, Co-Convener, Tech Fest 2014 speaking at the Inaugural Ceremony

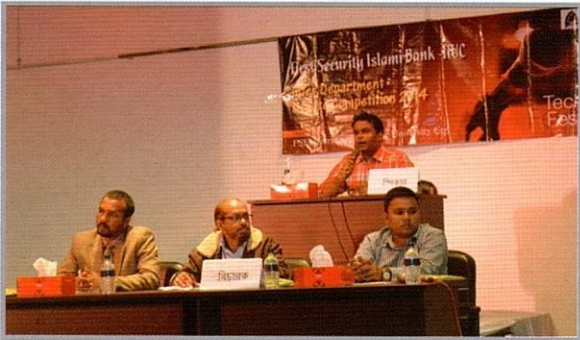
Pictorial Presentation



Prof. Dr. Md. Delawer Hossain, Dean, FSE, IIUC is speaking at the inauguration of 11th IIUC Inter University Programming Contest (IIUPC 2014)



A glimpse of the contestants in 11th IIUC Inter University Programming Contest (IIUPC 2014)



The panel of judges at the Inter Department Debate Competition 2014



Contestant delivering his speech at the Inter Department Debate Competition 2014



A partial scenario of the Hon'ble guests while looking across the event projects



Seminar on Airbot - an Unmanned Aerial Vehicle (UAV) going on



Students after the successful launch of the Airbot, which was made at the IIUC Tech Fest 2014

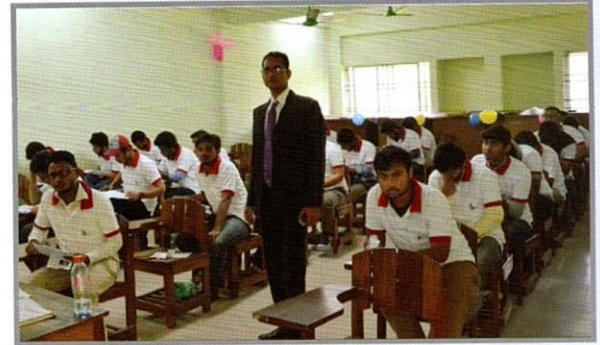


The Airbot made at the IIUC Tech Fest 2014 during its flight on the sky

Pictorial Presentation



Inauguration of Math Olympiad 2014 by Chief Guest Prof. Dr. M. Kaykobad, CSE, BUET



A partial view of the contestants in Math Olympiad 2014



A contestant from the Poster Design Competition



A group of Contestants explaining their poster to Prof Dr. Md. Abdus Samad, EEE, KUET & Ex VC of Prime University



The panel of judges at the Idea Generation Competition



A group of students singing the National Anthem at the Ceremony



The executive members of Computer Club (Male) with the honorable guests



The executive members of the Computer Club (Female) with the honorable guests

Pictorial Presentation



4th Place holder of Math Olympiad shaking hands with guests



Winners of the Debate Competition (Female) collecting their prize



Winners of the Debate Competition (Male) collecting their prize



Runners Up of Debate Competition (Male) taking their prize



Prof. Dr. Md. Delawer Hossain, Dean of FSE, IIUC handing over prize to the Runner Up of the Debate Competition (Female)



Guest of Honor, Prof. Dr. Md. Abdus Samad, EEE, KUET & Ex VC of Prime University handing over the prize to the winners



3rd place holders of project show competition (Male) taking prize from the guests



Winners of Idea Generation Competition (Male) taking their prize

Pictorial Presentation



1st Runner Up of idea generation contest (Male) taking their prize



Winners of Idea Generation Competition (Female) taking their prize



2nd Runner Up of idea generation contest (Female) taking their prize



2nd Runner of IIUPC taking prize from Prof. Dr. Abu Bakr Rafique, Honorable Pro VC, IIUC



3rd place holders of poster design competition (Male) taking prize from the guests



Hon'ble Guests handing over prize to the Champion team of the 11th IIUPC 2014



Winners from Software Development Competition taking their prize

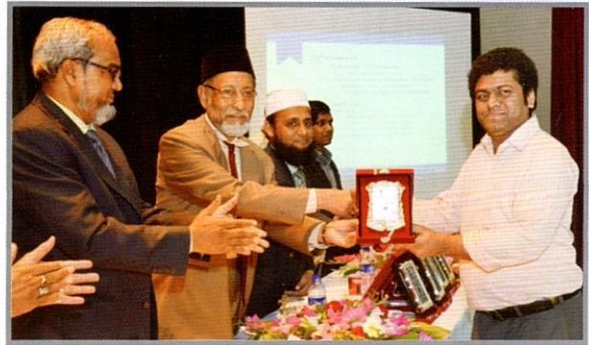


3rd place holders of Software Development competition taking prize from the guests

Pictorial Presentation



Inventor of the Drone taking crest from the guests



Coach of Champion team of IIUPC taking honorary prize from guests



Runners Up of Poster Design Competition(Male) taking their prize



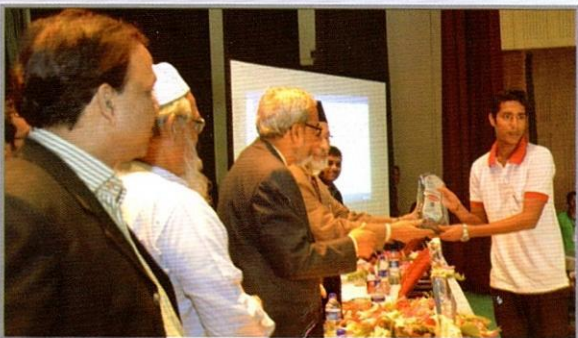
Winner of Poster Design Competition(Male) taking his prize 2015



2nd Runner Up of Idea Generation Competition(Female) taking their prize



1st Runner Up of Computer Game Competition (Female) taking their prize



Winner of Math Olympiad collecting his prize



3rd Place holder of Math Olympiad collecting his prize

Pictorial Presentation



A glimpse of contestants showing their projects at the tech fest



Mr. A.N.M. Rezaul Karim, Convener of Math Olympiad is seen with Prof. Dr. Kaykobad



Computer Club members (Male) with their Department Head Md. Monirul Islam



Stall of Excel IT at the tech Fest



Computer Club members (Male) with their respected department teachers



Faculty Members of CSE are seen



A partial view of CSE students are seen



Office Staff of Department of CSE

Winners of Tech Fest 2014

Programming Contest

CHAMPION





Abdul Kyum Opu Jannatul Ferdous Nure Alam Nahid

1ST RUNNER UP





Abdul Kaium Abdullah Al Maruf Dipta Das

2ND RUNNER UP





Chy Md. Tawsif Khan Kazi Shoaib Muhammad Yousha Farokey

BEST FEMALE TEAM





Jannat Mokarrama Sabera Jamila Sumaia Akter Bristy

Idea Generation Competition

MALE

CHAMPION





Asif Istiaque Md. Saiful Islam Nazmul Arefin

1ST RUNNER UP





Md. Abdul Hakim Murad Md. Shah Hafez Kabir Nishan Chakrabarty

2ND RUNNER UP





Chayan Dhar Mahmud Mostafa Hridoy Md. Shariful Islam

FEMALE

CHAMPION





Tajkia Jabin Shamima Nasrin Ummey Safi

1ST RUNNER UP





Afsana Ferdous Nadia Nowrin Tasnim Forhad

2ND RUNNER UP





Umme Kulsum Santa Farzana Yeasmin Lamia Iqbal

Winners of Tech Fest 2014

Computer Game Competition

MALE

CHAMPION		RUNNER UP		3RD PLACE	
	Ahsan Rafi		Md. Ismail Hossain		Kazi Abdullah Md. Sayeed

FEMALE

CHAMPION		1ST RUNNER UP		2ND RUNNER UP	
	Farhanatul Jannat		Shairin Akther		Sanjida Farzana

Software Development Competition

CHAMPION				RUNNER UP		3RD PLACE			
	Fariha Nowsin Piyal	Nishita Islam	Syeda Sharmin Akter		Chy Md. Tawsif Khan		Iftekher Islam	Kowser Abdullah	Moinuddin Ahmed

Debate Competition

MALE

CHAMPION				RUNNER UP				BEST SPEAKER	
	Fahim	Md. Mohiuddin Abir	Younus		Mohaimen	Md. Ashraf Ur Rahman Abeer	Nawsher Nyn Ahmed		Fahim

FEMALE

CHAMPION				RUNNER UP				BEST SPEAKER	
	Israth Jahan Chowdhury	Umme Hani	Kazi Rifah Noor		Tazin Akter	Nusrat Jahan Pushpo	Shaadiatul Marjen Sheba		Israth Jahan Chowdhury

Poster Design Competition

CHAMPION		RUNNER UP			3RD PLACE			
	S.M. Imdad Bin Haider		Maher Abdullah	Md. Raquib Uddin		Chayan Dhar	Mahmud Mostafa Hridoy	Md. Shariful Islam

Winners of Tech Fest 2014

Math Olympiad

1ST PLACE



Dibbya Dasgupta

2ND PLACE		3RD PLACE		4TH PLACE		5TH PLACE		6TH PLACE-1		6TH PLACE-2	
Samir Yeasar	Mohamed Rasmi	Md. Shafiuddin	Md. Saif Ali	Md. Nayeem Uddin	Md. Mohiuddin						

Project Show Competition

CHAMPION		RUNNER UP			3RD PLACE			
S.M. Imdad Bin Haider	Arnab Barua	Harun-Or-Rashid Rakib	Abdul Hannan	Md. Mahamudul Islam	Sidhartta Sankar Barua			

Best Emerging Young Engineer

		
Md. Golam Mortuza	Tanvir Alam	Zia Uddin Ahmed

Tech Quiz Competition

CHAMPION		RUNNER UP		3RD PLACE		4TH PLACE		5TH PLACE	
Md. Fazlan Ahmad	Mohamed Shafan	Mohamed Safran	Md. Syed Abadin	Tanvir Ahmed					

Science Olympiad 2015

Divisional Science Olympiad-2015

09 January 2015

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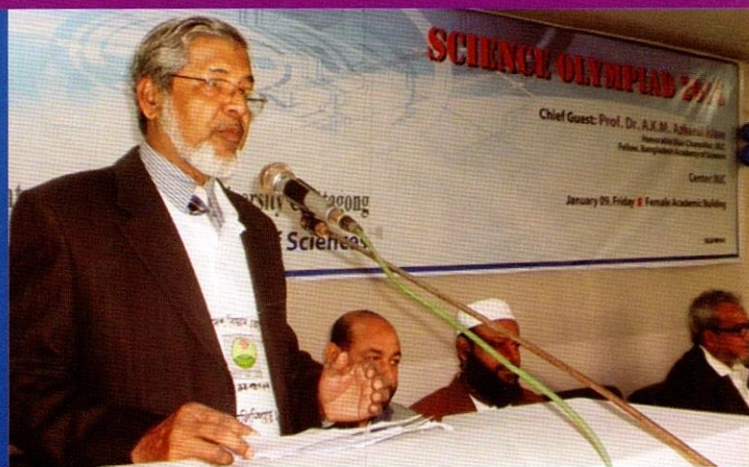
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Hon'ble VC, Pro-VC, Dean of FSE hoisting Flags on the occasion of Science Olympiad 2015



Prof Dr. A.K.M. Azharul Islam, Honorable VC, IUCT speaking at Science Olympiad 2015

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Prof. Dr. Abu Bakr Rafique, Honorable Pro VC, IUCT speaking at Science Olympiad 2015



"Science is a must to understand the life itself and the universe"

Prof. Dr. A.K.M. Azharul Islam, Vice Chancellor, IIUC

The honorable Vice Chancellor of International Islamic University Chittagong (IIUC), Professor Dr. A. K. M. Azharul Islam said, "Acquiring the knowledge of Science is necessary to understand life and the world." He expressed this opinion while addressing as the Chief Guest in the opening session of Science Olympiad organized by Bangladesh Academy of Science (BAS) held at the Female Academic Building of IIUC. Science Olympiad is a competition of talent and a game of intelligence where talent is flourished, he added. The opening ceremony was presided over by Professor Dr. Delawer Hossain, Dean, Faculty of Science and Engineering,

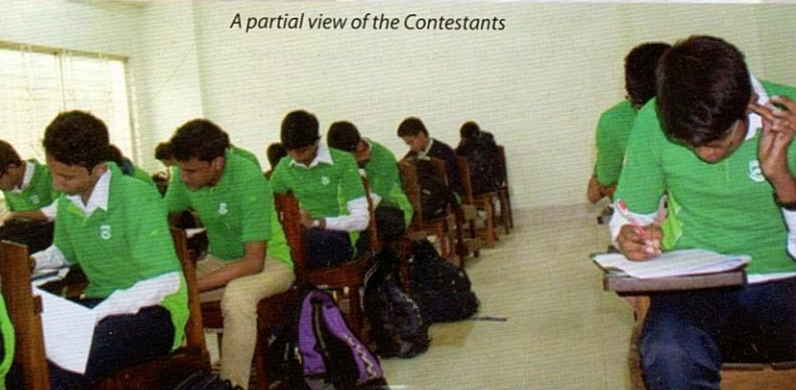
Prof. Dr. A.K.M. Azharul Islam, VC, IIUC handing over token gift



IIUC while Professor Dr. Mohammed Abu Bakar Rafique was present as the Special Guest. Mr. Tawfiqul Islam Babar, Senior Reporter of the Daily Samakal gave a speech representing the Media Partner of Science Olympiad. Mr. Mohammed Shamsul Alam, the Member Secretary of the Organizing Committee of Science Olympiad and an Associate Professor of the Department of CSE, IIUC gave the welcome speech. Mr. Mohammed Mahbubur Rahman, Coordinator, Female Academic Section also gave speech on the occasion. Mr. Md. Mamunur Rashid, Additional Director, STAD, IIUC was the moderator of the opening session while Mst. Shahnaj Parvin, Assistant Professor of the Dept. of CSE, IIUC moderated the closing session.

The daylong program started at 9:00 am by hoisting the national flag, the flag of BAS, the flag of IIUC and the flag of the Daily Samakal. After the opening session, the written

A partial view of the Contestants



exam commenced at 10:00 am. It should be noted that 280 students from 28 schools and 17 colleges participated in this competition. The program ended with the Prize Giving Ceremony which is preceded by an exciting video show. While addressing the audience, honorable Vice Chancellor of IIUC Professor Dr. A.K.M. Azharul Islam, informed that the aim of Bangladesh Academy of Science is to ensure the national welfare by nourishing science. He hoped that the future scientist of Bangladesh will come from the participants of Science Olympiad. The Pro Vice Chancellor of IIUC, Professor Dr. Abu Bakar Rafique said on the occasion that science helps man to know about his Creator. The majesty of the Creator is deeply elaborated by science. Practice of science gives a logical foundation to the depth of the perception that no creation has been created in vain. He added that competition paves the way to judge one's ability. He shared his hope that this talented generation will bring prosperity to the country and the nation by putting signature of talent through Science Olympiad.



In the closing session, prizes were distributed to the winners. The VC of IIUC and the other guests distributed Medals, Certificates and T-shirts as the prize. In the Secondary Section, Asif Ahmed from Nasirabad Govt. High School got the first position. Tasmia from Bakalia Govt School and Mashiyat Mahjabin Prapty from Cantonment English School and College jointly secured the second position, Promit Dey from Bank Colony School and Shaila Shaznin from Silver Bells School obtained the third and fourth position respectively. In the Higher secondary section, the top five scorers were Prosun Datta from Chittagong College (1st), Anik Mojumder from Chittagong College (2nd), Md. Tariqul Islam from Chittagong College (3rd), Nazmul Hasan from B.A.F. Shaheen College (4th) and Md. Nabil from Chittagong College (5th).

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