

সঞ্চার

SANCHAR



2nd Special Foundation Training Course for BTRC Officials
Bangladesh Public Administration Training Centre
Savar, Dhaka 1343

'Leadership & Learning are indispensable to each other.'

- John F. Kennedy



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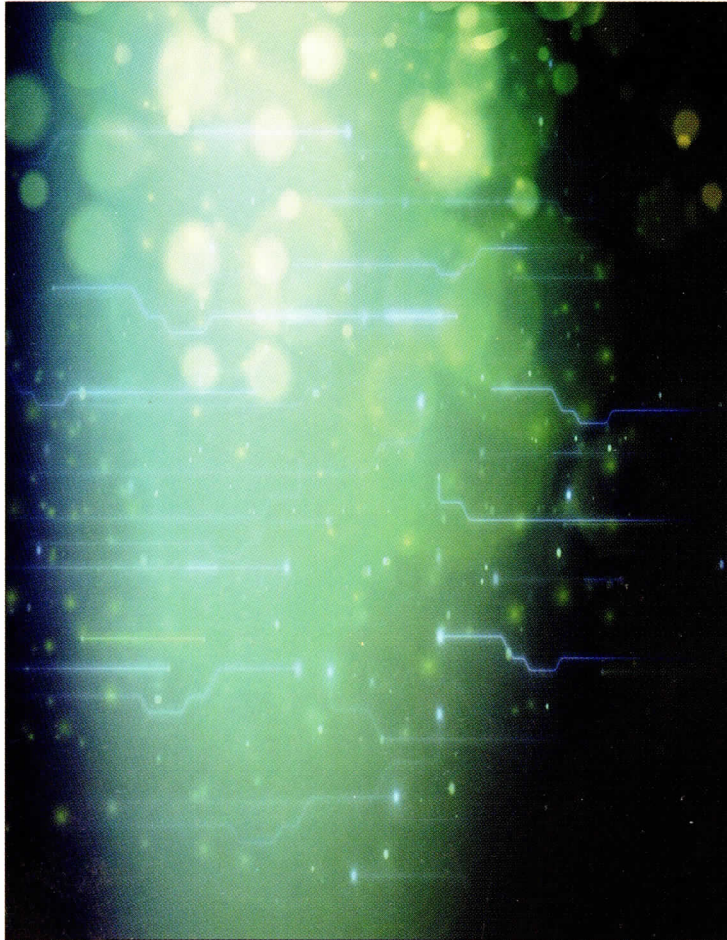
Wishing a prosperous future to all the participants
of 'Foundation Training Course' at
Bangladesh Public Administration Training Center
of 2014-15.

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2nd Special Foundation Training Course for BTRC Officials
Bangladesh Public Administration Training Centre
Savar, Dhaka 1343

সঞ্চার



Editorial Panel

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Sunjib Kumer Singha

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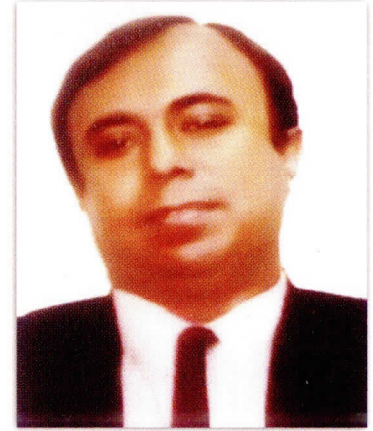
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Rector

Bangladesh Public Administration Training Centre



Foundation Training is very important for any officer. Foundation training course (FTC) helps an officer to groom up himself/herself with professional knowledge, self-confidence, self-dignity and courage. The learning of FTC plays a pivotal role during the whole career of an officer. Not only that FTC to meet dignitaries of different sectors, to create close friendship and to exchange views on various contemporary issues. FTC is the most valuable capital for an officer to run around all over the career with heroic spirit.

BTRC realized the utmost importance of FTC and sent 30 very bright officers to BPATC for Foundation Training. BTRC deserves thanks and gratitude from BPATC. I sincerely appreciate BTRC for entrusting us with the task of providing training to their promising officers. I express my happiness getting BTRC officers at BAPTC. I firmly believe the trainee officers will substantially contribute to bring about positive changes in their attitude and work after the training.

Furthermore, I am delighted to know that the trainees of BTRC have taken initiative to publish a souvenir. I hope the souvenir will bridge up their friendship in future.

I earnestly urge my colleagues of BTRC to serve the people of our beloved motherland with highest commitment and dedication. I would also like to remind all of you "Young Colleagues, Please keep it in mind, one day your position will go away. But your good deeds are everlasting. People will remember and respect your virtues, even after your death. So, please utilize every moment in good works and people's welfare."

I took part in our liberation war at the age of 14 (fourteen) only. I had to go across a lot of hurdles. I had to pass nights after nights under the tress, under the open sky. I had to survive in starvation and had to go to the war field with life risk. You need not to sacrifice so much. You only carry out your assigned duties with highest honesty and integrity. Your sincerest and fair routine contribution may make our country prosperous and prestigious. As a trainer/teacher, above mentioned activities are my humble expectation from all of you. As a very little contributor of establishing Bangladesh as an independent country, perhaps I can demand those from you very logically.

Finally, I wish you all the best of luck.

(A.K.M Abdul Awal Mazumder)
Rector



Chairman
Bangladesh Telecommunication
Regulatory Commission



I am glad to know that the participants of the 2nd Special Foundation Training Course for Bangladesh Telecommunication Regulatory Commission (BTRC) officials are going to publish a souvenir as a symbol of remembrance of their precious and pleasant stay at BPATC.

The purpose of this foundation training is to improve the basic knowledge, skills and competencies of the BTRC officials for managing day to day government affairs properly and regulating the telecom sector more efficiently. BTRC is working relentlessly to serve the citizen clientele in order to ensure reliable, affordable and modern telecommunications services. It also contributes towards the cumulative social and economic development of the country by using digital communication technology. I hope that the training will make the proficient with suitable analytical insight, precise degree of professionalism, integrity, sincerity and capability.

I believe that all the participants will carry the inner philosophy of the theme of the training programme in their minds and this memento will always inspire them to be the best and to do the best for building a prosperous and happy Bangladesh. I would like to convey my sincere thanks and gratitude to the Rector, Course Advisor and Course Coordinators of BPATC and to all the resource personnel in this respect.

I wish continued career progression and prosperity of all the participants.

Sunil Kanti Bose
Chairman

Bangladesh Telecommunication Regulatory Commission



Secretary
Ministry of Post, Telecommunication
& Information Technology



I am pleased to know that the trainees of the 2nd batch of Special Foundation Training Course for Bangladesh Telecommunication Regulatory Commission officials have taken initiatives to publish a souvenir on the eve of their course completion. I hope that this souvenir will contain their long lasting memories in BTRC and help them having pleasures of remembrance in future.

This is a fundamental requirement of human resource management and the importance of appropriate training in any kind of skill development as well as career. I believe that this foundation training course will provide opportunity to know about the basic rules and regulations of the government. Participants coming from different academic background actually become the member of prestigious Bangladesh Telecommunication Regulatory Commission through Foundation Training organized by Public Administration Training Center which is working for long as center of excellence for this purpose. The two month stay at the Training Centre will ever be remembered throughout the whole life because of its specialty of experience in the training centre.

Public servants are the key actors in the changing process of a country's social, cultural and economic spheres amid rapid changes in the global scenario. I believe this training will help all the participating officers to understand the rudiments of particular service and prepare themselves with the essential needed to ensure better service delivery.

Finally, I would like to congratulate all the trainees who sincerely engaged themselves in this creative and aesthetic endeavor on top of their busy course works and hectic schedule. The lessons learnt, experiences gathered and friendships forged here will definitely open up a new horizon for future accomplishments of the trainees in the service of the republic. I wish the participants all success in their professional and personal lives.

Md. Faizur Rahman Chowdhury

**Course Advisor**

2nd Special Foundation Training Course
Bangladesh Public Administration Training Centre



The Trainee officers especially the participants of the foundation training course remain very busy from dawn to dead of night various training activates despite heavy work load, the participants of the 7th Special Foundation Training Course are going to publish a souvenir to keep their sweet memories of their stay at Bangladesh Public Administration Training Centre on paper. They need to manage time and do hard work for this purpose. I must appreciate them for their efforts to this end. The participants of this course are the leaders of the future in their respective areas of discipline. I hope this souvenir shall definitely work as a means to dredge each other to share their ideas, experience ad strengthen their friendship and social network.

I found that the participants are very much enthusiastic in any areas of knowledge and training. I am confident that they are capable of taking leadership role in their respective professional life.

I wish all of them every success in their professional, social and personal life.

Md. Mahmudul Hassan, PhD



Director (Joint Secretary), BPATC
&
Course Director of the 2nd Special
Foundation Training Course for BTRC Officials



I am very glad to know that souvenir committee of the 2nd special foundation training course for Bangladesh tele communication regulation commission (BTRC) officers is going to publish a souvenir entitled "সঞ্চয়" It is like one kind of compendium which reflects not only identities of officers but also their artistic and intellectual potentials. Interestingly, all these are composed of by the trainee participants as well as the organizers of such a publication. Maybe some of the writing are very weak in the truest sense, yet it has some value, because it is the symbol of a young writers primary initiative.

From experience, I do know that a publication like this is always a trouble - some and painstaking job. For this I thank everyone who is involved in the effort to bring this in the broad day - light.

I wish them every success.

Shaikh Md. Kabeedul Islam
Director (Joint Secretary)
&
Course Director of the 2nd Special
Foundation Training Course for BTRC Officials

Editorial



We, the members of Publication and Souvenir Committee are very glad to have the opportunity of publishing a souvenir to keep in holding the sweet and touchy memories alive during staying in BPATC. Special Foundation Training is one of the useful and dignified courses of BTRC officers conducted by the Bangladesh Public Administration Training Center (BPATC) which is most essential to enhance the leadership skills and knowledge to discharge the services more effectively.

On behalf of the souvenir committee, I would like to express my sincere gratitude and heartfelt thanks to the respected Rector of BPATC and Principle Advisor of the Course Mr. A.K.M Abdul Awal Mazumder, Course Advisor Dr. Md Mahmudul Hasan, Course Director Mr Shaikh Md. Kabeedul Islam, Course Co-ordinators Dr. Mohammed Amjed Hossain and Mr Golam Mahedi" for their valuable advice, guidance and support in bringing out the souvenir. We are greatly indebted to them. I would like to extend special thanks to all guest speakers, all faculty members and all concerned staffs of BPATC.

I acknowledge all the members of souvenir committee who made this publication possible. I give my unreserved thanks to all my colleagues for their selfless effort to publish this souvenir and pivoted every endeavor to let it emerge as a wonderful literacy piece as well. I hope that any short comings of this publication due to time constraints and other inconveniences will kindly be overlooked.

It is my expectation that this souvenir will make bondage among the participants and help us to be connected. May Allah help us all perform our assigned duty with utmost sincerity, honesty and devotion.

A handwritten signature in black ink, appearing to be 'Md Sohel Rana'.

Md Sohel Rana

Deputy Director, BTRC
President, Souvenir Committee
2nd SFTC for BTRC Officials

Bangladesh Public Administration Training Centre (BPATC)



Bangladesh Public Administration Training Centre (BPATC) is the apex training institution in the public sector. The Centre was established as an autonomous organization in 1984 vide ordinance No. XXVI of 1984. This training institute caters for imparting training of all the 28 Civil Service Cadre officials. This is a unique Centre where officials of different levels attend training courses ensuring both vertical and horizontal integration in training philosophy. The Centre is located in a lush natural environment and lies at a distance of 28 kilometer from capital city Dhaka.

Overview

Bangladesh Public Administration Training Centre amalgamating following training institutions:

- Bangladesh administrative Staff College (BASC);
- National Institute of Public Administration (NIPA);
- Civil Officers' Training Academy (COTA); and
- Staff Training Institute (STI)

Since its inception on 28 April 1984, BPATC has been training the officers of government, autonomous and non-government organizations. Among the course conducted by the Centre the Foundation Training Course is for the new entrants to the Bangladesh Civil Service while Advanced Course on Administration and Development (ACAD) is for the Deputy Secretaries and their equivalents and Senior Staff Course (SSC) for the Joint Secretaries and their equivalents. In addition to these the Centre also conducts a number of short courses. Objectives of these courses among others are to make officers aware of the policies of the Government, familiarize them with the Government Rules & Regulations and apprise them of the recent changes in the field of Public Administration.

Vision

BPATC becomes a Centre of excellence for developing patriotic, competent and professional civil servants dedicated to public interest.

Mission

- Developing competent and professional human resources by imparting quality training and development programs;
- Conducting research, publishing books and journals and extending consultancy services for continuous improvement of public service delivery system;;
- Establishing effective partnership with reputed institutions of home and abroad for developing organizational capacity; and
- Promoting a culture of continuous learning to foster a knowledge-based civil service.

Bangladesh Telecommunication Regulatory Commission (BTRC)



For the necessity of development and efficient regulation of the telecommunication sector, Bangladesh Telecommunication Act 2001 (Act 18 of 2001) formation of an independent Commission was promulgated. Bangladesh Telecommunication Regulatory Commission starts its journey from 31st January 2002 to conduct the activities of the said act. With the initiation of its activities, necessary authority, responsibilities and related concerns of the ministry of Posts and Telecommunications were vested on to BTRC.

In order to facilitate a quick and stable socio-economic development and to provide a dependable telecommunication services the Act has delineated its objectives as follows:

- To encourage the orderly development of Telecommunication System that enhance and strengthens the social and economic welfare of Bangladesh ;
- To ensure in keeping with the prevalent Social and economic realities of Bangladesh, access to reliable, reasonably price and modern Telecommunication services and internet. Services for the greatest number of people as far as practicable;
- To ensure the efficiency of the national Telecommunication System and it capability to complete in both the national and international spheres;
- To prevent and abolish discrimination in providing telecommunication services, to progressively effect reliance and competitive and market oriented system and in keeping with these objectives to ensure effective control of the Commission;
- To encourage the introduction of new services and to create a favorable atmosphere for the local and foreign investors who intend to invest in the Telecommunication Sector of Bangladesh.

Course Management Team



Chief Course Advisor
A.K.M Abdul Awal Mazumder
Rector (Secretary to the Government)



Course Advisor
Md. Mahmudul Hasan, PhD
Member Directing Staff (P&S)



Course Director
Mr Shaikh Md. Kabledul Islam
Director (Governmental System)



Course Coordinator
Dr. Mohammed Amjed Hossain
Deputy Director (Evaluation)



Course Coordinator
Md Golam Mahedi
Deputy Director (Library)



participants

Participants With the Rector and the Course Management



Mess Committee with Course Management



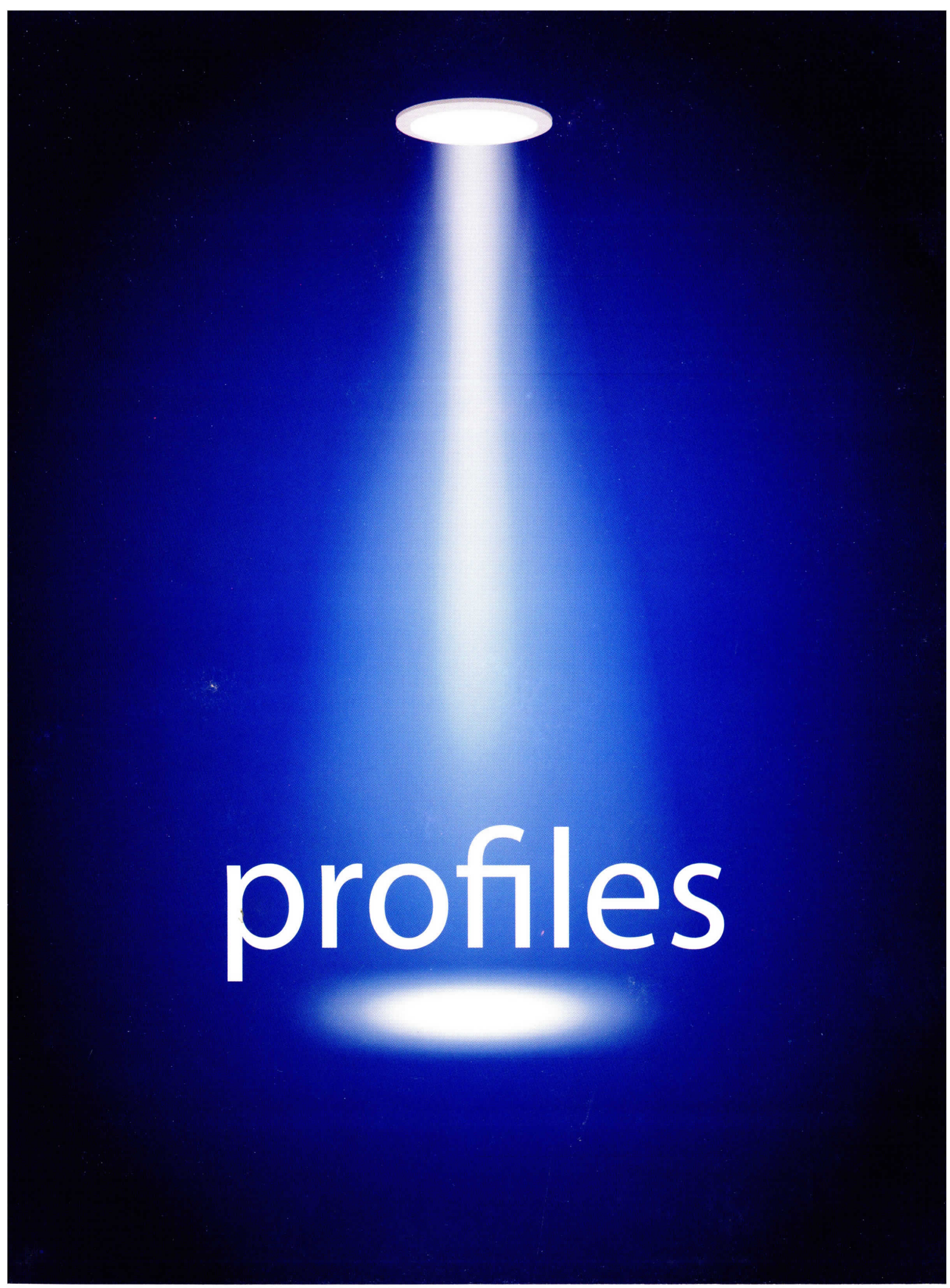
Souvenir Committee with Course Management



Cultural Committee with Course Management



Sports Committee with Course Management

A vertical beam of light from a spotlight at the top illuminates the word "profiles" in the center. The light creates a bright, circular glow at the top and a larger, softer glow at the bottom, framing the text. The background is a deep, dark blue with a fine, grainy texture.

profiles



Aftab Md. Rashedul Wadud



Md. Yakub Ali Bhuiyan



Shazeda Parvin



Md Sohel Rana



Engr. Zian Shah Kabir



Md. Nurannabi



Rumana Haque



Md. Maidul Islam



Engr. Md. Nahidul Hasan



Md. Mirajul Islam



Engr. Tawhid Hussain



Touhidur Nahar



Samira Tabassum



S. M. Golam Sorwar



Nafisa Mullick



Md. Mehruz Bin Khaled



Khan Muhammad Fuad Bin Enayet



Mohammad Kamal Hossain Foraji



Sunjib Kumer Singha



Mahdi Ahmad



Engr. Md. Asif Waheed



Md. Amjad Hossain



Md. Hashibul Kabir



Md. Abdush Shaahid Chowdhury



Mohammad Ali



Md. Mahbubur Rahman



Tanjara-binte-ansar



Engr. Mohammad Kamrul Hasan



Muhammad Zakaria Bhuiyan



Shiblee Intiaz



Name : AFTAB MD. RASHEDUL WADUD
Father's Name : Md. Abdul Wadud
Mother's Name : Mrs. Rokeya Wadud
Designation & Office : Director (Administration)
Joining Date : 20 May 2002
Date of Birth : 01 July 1975
Blood Group : A+
Last Education/Degree : Masters of Commerce
University/Institute : University of Dhaka
Present Address : Pallabi, Mirpur, Dhaka.
Permanent Address : Madargonj, Jamalpur
Home District : Jamalpur
Marital Status : Married
Spouse's Name : Mst. Mahamuda Khatun
Professional Skill :
Special Achievement :
Favorite Personality : Prophet Hazrat Mohammad (Sn:)
Hobby : Watching sports in TV
Course Expectation : Change in Attitude
Land Phone No. (Res) :
Mobile Phone No. : 01552202716
E-mail Address : rwadud@btrc.gov.bd/rwadud@yahoo.com

Name : MD. YAKUB ALI BHUIYAN
Father's Name : Abdur Razzak Bhuiyan
Mother's Name : Mrs. Rokeya Begum
Designation & Office : Director. BTRC.
Joining Date : 09-02-2002
Date of Birth : 12-03-1976
Blood Group : A (+ve)
Last Education/Degree : BBA (Hons), MBA
University/Institute : University of Chittagong
Present Address : ShahJadpur, Gulshan, Dhaka.
Permanent Address : Eidgha, Bou-Bazar, Chittagong
Home District : Chittagong.
Marital Status : Married
Spouse's Name : Dr. Sayda Naima Rahman
Professional Skill : Post Graduate Diploma in Financial Management.
Special Achievement : Know how to play Volleyball.
Favorite Personality : Prophet Hazrat Mohammad (SM)
Favorite Quotation : There may be many flowers in a one's life, but there is only one rose.
Hobby : Dreaming Rose, Wildlife Viewing, Listening Music.
Course Expectation : Team Building
Land Phone No. (Res) : Nil
Mobile Phone No. : +880-1552-202715
E-mail Address : Yakub.ali@btrc.gov.bd





Name : **SHAZEDA PARVIN**
 Father's Name : Md. Saim Uddin
 Mother's Name : Arsheda Begum
 Designation & Office : Deputy Director (LL), BTRC
 Joining Date : 12-04-2006
 Date of Birth : 15-07-1980
 Blood Group : B+
 Last Education/Degree : LL.B(Hon's), LL.M
 University/Institute : Rajshahi University
 Present Address : House-29, Road-06, Sector-13, Uttara, Dhaka
 Permanent Address : House-36, Road-15, Sector-11, Uttara, Dhaka
 Home District : Natore
 Marital Status : Married
 Spouse's Name : Md. Rokib Mahmud
 Professional Skill : Law
 Special Achievement : Certificate from Dhaka Bar Council
 Favorite Personality : Sir Abdullah Abu Said
 Favorite Quotation : Be Positive
 Hobby : Listening music
 Course Expectation : Disciplined Positive Mentality
 Land Phone No. (Res) : 0258950110
 Mobile Phone No. : 01552202717
 E-mail Address : shazeda@btrc.gov.bd

Name : **MD SOHEL RANA**
 Father's Name : Late Md Mojaffar Hossain
 Mother's Name : Momena Begum
 Designation & Office : Deputy Director, BTRC
 Joining Date : 30 May, 2004
 Date of Birth : 1st October, 1979
 Blood Group : O+
 Last Education/Degree : Master in Radio Engineering
 University/Institute : Kyung Hee University, Republic of Korea
 Present Address : House no 35/A, Road no -2, Shekher Tak Mohammadpur, Dhaka
 Permanent Address : Village: Billsha, P/S: Gurudaspur, District: Natore
 Home District : Natore
 Marital Status : Married
 Spouse's Name : Sadia Afrin
 Professional Skill : Spectrum Management and Planning
 Favorite Personality : Hazrat Muhammad (PUBH)
 Favorite Quotation : Whatever comes our way, whatever battle we have raging inside us, we always have a choice.
 Hobby : Reading technical journal, travelling & watching movie.
 Land Phone No. (Res) : 02-9014978
 Mobile Phone No. : 01552202718
 E-mail Address : sohel@btrc.gov.bd, ranabtrc@yahoo.com





Name	: ENGR. ZIAN SHAH KABIR
Father's Name	: Late M. A. Mazid
Mother's Name	: Mrs. Motinoor Nahar
Designation & Office	: Deputy Director
Joining Date	: 30-05-2004
Date of Birth	: 03-08-1980
Blood Group	: O+ve
Last Education/Degree	: B. Sc. In Electrical & Electronic Engineering
University/Institute	: Chittagong University of Engineering & Technology
Present Address	: 8D, Togor Sorkari Bhaban, 57 New Eskaton Road, Dhaka-1000.
Permanent Address	: Rasel House, 32/33, Uttar Alekanda, Bogura Road, Barisal-8200
Home District	: Barisal
Marital Status	: Married
Spouse's Name	: Dr. Tanima Akter
Professional Skill	: Switching, Optical Networks, IP based technologies, Network security etc.
Special Achievement	: Endorsed in the national committee to curb illegal telecommunication activities and member in the national innovation cell of Prime Minister's Office.
Favorite Personality	: Stephen Hawking
Favorite Quotation	: Intelligence is the ability to adapt to change. - Stephen Hawking
Hobby	: Music, Critical needs analysis.
Course Expectation	: To perform the office duties applying the gathered knowledge.
Land Phone No. (Res)	: +88-02-9335255
Mobile Phone No.	: +88-01552202719
E-mail Address	: zianshah@btrc.gov.bd

Name	: MD. NURANNABI
Father's Name	: Md. Mozibar Rahman
Mother's Name	: Moksheda Begum
Designation & Office	: Deputy Director, BTRC
Joining Date	: 03 January 2010
Date of Birth	: 01 January 1976
Blood Group	: B (+Ve)
Last Education/Degree	: B.Sc Engineering (EEE)
University/Institute	: Rajshahi University of Engineering and Technology
Present Address	: 62/3, Zigatola, Dhaka-1209
Permanent Address	: C-210, Luxmipur Greater Road, Rajshahi-6000
Home District	: Rajshahi
Marital Status	: Married
Spouse's Name	: Rumana Maleque
Professional Skill	: Expertise in the field of Spectrum Monitoring.
Special Achievement	: Successful solved several frequency interference cases.
Favorite Personality	: Dr. Muhammed Zafar Iqbal
Favorite Quotation	: The weak can never forgive. Forgiveness is the attribute of the strong. (Mahatma Gandhi)
Hobby	: Watching short format cricket, listening soft music
Course Expectation	: Subjects in the course shall be concise and easily understandable with real life example.
Land Phone No. (Res)	: +88029663466
Mobile Phone No.	: +8801552202740
E-mail Address	: nurannabi@btrc.gov.bd





Name : **RUMANA HAQUE**
Father's Name : Monirul Haque
Mother's Name : Fatema Noor
Designation & Office : Senior Assistant Director; Spectrum Management
Joining Date : 03/01/2010
Date of Birth : 10/03/1983
Blood Group : A' positive
Last Education/Degree : B.Sc. in EEE, MBA
University/Institute : KUET, Dhaka University
Present Address : 6/3, Segunbagicha, Ramna, Dhaka
Permanent Address : 21, Munshipara 3rd Lane, Khulna
Home District : Khulna
Marital Status : Married
Spouse's Name : Md. Mahedi Kabir
Professional Skill : Member of IEB
Special Achievement : Awarded by Gold Medal in MBA for securing top position.
Favorite Personality : Mother Teresa
Favorite Quotation : "Happiness is like butterfly; if you run after it, it will fly away and if you stand still, it will come and sit on your shoulder."
Hobby : Reading story books and Travelling different places.
Course Expectation : To learn how to manage the conflict
Land Phone No. (Res) :
Mobile Phone No. : +8801552202736
E-mail Address : rumana@btrc.gov.bd

Name : **MD. MAIDUL ISLAM**
Father's Name : MD. NURUL ISLAM.
Mother's Name : MRS. MORZINA BEGUM.
Designation & Office : SENIOUR ASSISTANT DIRECTOR, BTRC.
Joining Date : 03-01-2010 (EARLY MORNING).
Date of Birth : 18-07-1984.
Blood Group : B(+VE)
Last Education/Degree : LL.B (HONOURS), LL.M.
University/Institute : SOUTHEAST UNIVERSITY.
Present Address : 85/C/1, (4TH FLOOR), PURANA PALTAN LINE, PURANA PALTAN, DHAKA-1000.
Permanent Address : C/O- MD. NURUL ISLAM, VILLAGE- NUTUN BAZAR, POST- NILPHAMARI, DISTRICT- NILPHAMARI-5300.
Home District : NILPHAMARI.
Marital Status : MARRIED.
Spouse's Name : JANNATUL MAOA.
Professional Skill : Diploma in Human Rights and Legal Aid in 2011 with distinction.
 Business English Courses: from British Council in 2010.
 ITU Asia Pacific Centers Of Excellence Training Workshop On- "Broadband Policy And Regulation - Emerging Practice And Lessons" in August 2011 at Bangkok, Thailand.
 Training on "Enabling Frameworks for ICT Development-The Singapore Experience" in August, 2014 at Singapore.
Special Achievement : Enrolled As An Advocate in Bangladesh Supreme Court.
Favorite Personality : Prophet Hazrat Mohammad (Sn.)
Favorite Quotation : 'Know thy self.'
Hobby : Face new problem.
Course Expectation : To do best of my effort.
Land Phone No. (Res) : N/A
Mobile Phone No. : 01552-202-759.
E-mail Address : maidul@btrc.gov.bd ; maidul1984@yahoo.com





Name : Engr. MD. NAHIDUL HASAN
Father's Name : Sarder Naib Ali
Mother's Name : Mrs. Shahana Begum
Designation & Office : Senior Assistant Director
Joining Date : 27/03/2008
Date of Birth : 20th February 1979
Blood Group : A (ve+)
Last Education/Degree : Bachelor in Computer Science & Engineering
University/Institute : Bangalore University, India
Present Address : 132/B, 3rd Floor, Malibagh Chowdhuri Para, Khilgaon, Dhaka-1219.
Permanent Address : Village/Post- Ghonapara, Thana- Kasiani, District- Gopalganj.
Home District : Gopalganj
Marital Status : Married
Spouse's Name : Mrs. Rebeka Hasan
Professional Skill :
Special Achievement :
Favorite Personality : Major General Monzurul Alam, NDC, PSC (Retd.)
Favorite Quotation : The most difficult thing is the decision to act, the rest is merely tenacity. -Amelia Earhart
Hobby : Travelling
Course Expectation : Attitude
Land Phone No. (Res) : N/A
Mobile Phone No. : +8801552202770
E-mail Address : nahid@btrc.gov.bd; nahidbtrc@gmail.com

Name : MD. MIRAJUL ISLAM.
Father's Name : Md. Abdul Matin.
Mother's Name : Sayma Khatun.
Designation & Office : Senior Assistant Director, BTRC.
Joining Date : 08/04/2010
Date of Birth : 22/06/1982
Blood Group : B+
Last Education : Post Graduate Diploma in Financial Management
University/Institute : Bangladesh Institute of Management
Present Address : House No-150, Road-2/A, Pallabi, Mirpur, Dhaka-1216.
Permanent Address : Vill:Kamarkandi ,Post Offj: Goalmari, Upazilla:Daudkandi, District: Comilla.
Home District : Comilla.
Marital Status : Married.
Spouse's Name : Samira Tabassum.
Professional Skill : Finance, Accounts & Revenue
Special Achievement : N/A.
Favorite Personality :
Favorite Quotation :
Hobby : Reading books, Listening Music & Travelling.
Course Expectation : Implement in Practical life.
Land Phone No : N/A.
Mobile Phone No. : 01552 202793
E-mail Address : islammiraj@btrc.gov.bd





Name : Engr. TAWHID HUSSAIN

Father's Name : Tariq Hussain

Mother's Name : Taru Mustafa

Designation & Office : Senior Assistant Director, Legal and Licensing Division BTRC

Joining Date : 8th April 2010

Date of Birth : 27-11-1982

Blood Group : O+ve

Last Education/Degree : Master of Science in Communication Engineering

University/Institute : United International University

Present Address : Apartment: 701, 2/6 Shahjahan Road, Block: C, Mohammadpur, Dhaka-1207

Permanent Address : Apartment: 701, 2/6 Shahjahan Road, Block: C, Mohammadpur, Dhaka-1207

Home District : Chittagong

Marital Status : Married

Spouse's Name : Yeasmin Ara Jahan

Professional Skill : Policy analysis and Policy-making

Special Achievement : Summa Cum Laude

Favorite Personality : Hazrat Muhammad (sm)

Favorite Quotation : Be the change that you wish to see in the world

Hobby : To learn about different religions

Course Expectation : To acquire more knowledge about working procedure of government and learn from the precious experience of esteem faculty members

Land Phone No. (Res) : Not Applicable

Mobile Phone No. : 01552202779

E-mail Address : tawhid@btrc.gov.bd , tawhidhussain@gmail.com

Name : TOUHIDUR NAHAR

Father's Name : Nurullah Miah

Mother's Name : Aungkuren Nessa

Designation & Office : Senior Assistant Director (Administration), BTRC Office

Joining Date : 08/04/2010

Date of Birth : 08/10/1979

Blood Group : A+

Last Education/Degree : Master's of Social Science

University/Institute : Eden Mohila College

Present Address : 107/A, Central Road, 1st Drive, East Dhamondi, Dhaka

Permanent Address : Village: Sreerampur, Post: Paak Sreerampur, Thana: Kachua, Zila: Chandpur

Home District : Chandpur

Marital Status : Married

Spouse's Name : Md. Jashim Uddin

Professional Skill : Social Science

Special Achievement : Personal Management Training Certificate from TACK Training International

Favorite Personality : Begum Rokeya

Favorite Quotation : Be Positive

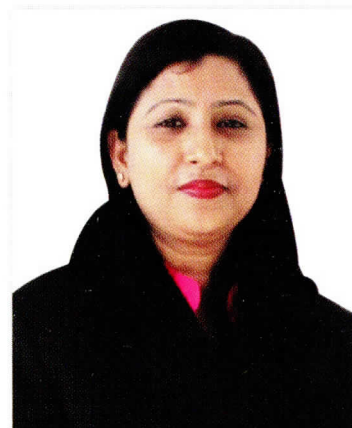
Hobby : Travelling, Listening Music, Watching TV etc.

Course Expectation : Disciplined Positive Mentality

Land Phone No. (Res) : +88029634910

Mobile Phone No. : +8801552202769

E-mail Address : nahar@btrc.gov.bd





Name : **SAMIRA TABASSUM**
Father's Name : Eftekhair Hossain
Mother's Name : Dina Aliya
Designation & Office : Senior Assistant Director
Joining Date : 8th April, 2010
Date of Birth : 4th August, 1984
Blood Group : O Positive
Last Education/Degree : MBA (Fin, HR); B.Sc in Computer Engineering
University/ Institute : American International University Bangladesh (AIUB)
Present Address : House no- 150, Road-2/A, Pallabi, Mirpur, Dhaka-1216
Permanent Address : House no- 150, Road-2/A, Pallabi, Mirpur, Dhaka-1216
Home District : Gopalganj
Marital Status : Married
Spouse's Name : Md. Mirajul Islam
Professional Skill : Spectrum Management
Special Achievement : Academic Honor of "Magna Cum Laude" in MBA
Favorite Personality : Dina Aliya - my mom
Favorite Quotation : "The hardest thing u'll ever learn is how to say goodbye."
Hobby : Reading Books.
Course Expectation : Learn to be a Leader.
Land Phone No. (Res) :
Mobile Phone No. : 01552202792
E-mail Address : samira@btrc.gov.bd

Name : **S. M. GOLAM SORWAR**
Father's Name : S. M. Golam Mostofa
Mother's Name : Selina Akter
Designation & Office : Senior Assistant Director, BTRC
Joining Date : 08-04-2010
Date of Birth : 08-08-1987
Blood Group : AB+
Last Education/Degree : B.Sc. in EEE
University/Institute : KUET
Present Address : Flat-A2, House#664, Road#13, Baitul Aman Housing, Adabar, Dhaka-1207.
Permanent Address : 177, S. M. R. Road, Police Line, Tali Khola, Jessore-7400.
Home District : Jessore
Marital Status : Married
Spouse's Name : Anjuman Binte Aziz
Professional Skill : CCNA Exploration 4.0
Special Achievement : N/A
Favorite Personality : Mahatma Gandhi
Favorite Quotation : Where there is love there is life.
Hobby : Travelling, watching movies, enjoying songs, etc.
Course Expectation : To provide better service delivery by gathering more knowledge regarding different Governmental systems as well as by improving positive attitude.
Land Phone No. (Res) : N/A
Mobile Phone No. : +8801552202784
E-mail Address : sorwar@btrc.gov.bd, smgolamsorwar@gmail.com





Name	: NAFISA MULLICK
Father'S Name	: Nazimuddin Mullick.
Mother'S Name	: Shahanara Begum.
Designation & Office	: Senior Assistant Director, BTRC.
Joining Date	: 27-05-2014 As Senior Assistant Director.
Date Of Birth	: 17-01-1982.
Blood Group	: B (+)Ve
Last Education/Degree	: Bsc Hons In CIS.
University/Institute	: London Metropolitan University.
Present Address	: 10/2, B, Meradia, Shipahibug, Dhaka-1219.
Permanent Address	: 35/D/1- Distilary Road Gandaria, Dhaka-1204.
Home District	: Dhaka.
Marital Status	: Married.
Spouse'S Name	: Abdullah Al Monsur.
Professional Skill	: Guideline Making, Regulation In Telecommunication Sector, Telecommunication Development In Rural Areas.
Special Achievement	: Higher Achiever In 2Nd Year Of Bsc Hons In Cis.
Favorite Personality	: My Father.
Favorite Quotation	: "It Is During Our Failures That We Discover Our True Desire For Success"-----Kevin Ngo.
Hobby	: Gardening , Shopping And Travelling.
Course Expectation	: Understand The Roll As A Public Servant, Adhere Basic Administrative Norms, Rules, Policies And Procedure, Follow And Maintain Discipline, Develop Integrity Among Co-Workers, Performing All Task With Team Spirit, Strengthening Skills And Knowledge.
Land Phone No. (Res)	: 027442733.
Mobile Phone No.	: 01552202783.
E-Mail Address	: nafisa@btrc.Gov.Bd

Name	: MD. MEHFUZ BIN KHALED
Father's Name	: Md. Abdul Khaled Sarker
Mother's Name	: Marzina Begum
Designation & Office	: Senior Assistant Director
Joining Date	: 11 July 2007
Date of Birth	: 13 August 1984
Blood Group	: A (+) ve
Last Education/Degree	: MS in Computer Science & Engineering
University/Institute	: United International University
Present Address	: House # 55/9G, Matikata Bazar, Dhaka Cantonment, Dhaka-1206
Permanent Address	: Vill: Fulhar, PO: Bagulagari, PS: Gobindaganj, Dist: Gaibandha
Home District	: Gaibandha
Marital Status	: Married
Spouse's Name	: Parul Akhter
Special Achievement	: None
Favorite Personality	: Prophet Hazrat Muhammad (S.A.W.)
Favorite Quotation	: Always put yourself in the other's shoes. If you feel that it hurts you, it probably hurts the person too. Live as if you were to die tomorrow. Learn as if you were to live forever. ? Mahatma Gandhi
Hobby	: Music, reading story books
Course Expectation	: To build positive attitude and improve my knowledge and skill.
Land Phone No. (Res)	: Nil
Mobile Phone No.	: 01552202775
E-mail Address	: mehfuz@btrc.gov.bd





Name : KHAN MUHAMMAD FUAD BIN ENAYET
Father's Name : Khan Md. Enayet Husain
Mother's Name : Faizunnessa Begum
Designation & Office : Assistant Director, Systems & Services Division
Joining Date : 08 April 2010
Date of Birth : 28 October 1986
Blood Group : 'O' Positive
Last Education/Degree : Master of Science in Communication Engineering
University/Institute : United International University, Dhaka, Bangladesh
Present Address : House # 407/1, Road # 7 (west), DOHS Baridhara, Dhaka-1206, Bangladesh
Permanent Address : Same as Present Address
Home District : Dhaka, Bangladesh
Marital Status : Married
Spouse's Name : Dr. Tahsin Tanjim
Professional Skill : Kaizen Japanese for 'Improvement' and/or 'Change for the Best'
Special Achievement : Being Trilingual ; and, Signing ITR at the WCIT on behalf of Bangladesh
Favorite Personality : Joseph Stalin
Favorite Quotation : 'Life is Like Riding a Bi-Cycle. To Keep Your Balance You Must Keep Moving' - Albert Einstein
Hobby : Knowing the history of extinct empire/system/thing
Course Expectation : Becoming Pass and Responsive
Land Phone No. (Res) : +880 28 41 24 07
Mobile Phone No. : +880 15 52 20 27 85
E-mail Address : fuad.enayet@ties.itu.int

Name : MOHAMMAD KAMAL HOSSAIN FORAJI
Father's Name : Mohammad Moslem Ali Foraji
Mother's Name : Aleya Begum
Designation & Office : Assistant Director (E&O), BTRC
Joining Date : 1 February 2012
Date of Birth : 12 September 1981
Blood Group : O+
Last Education/Degree : MSc Engg ETE, PGDICT, BSc Engg CSE
University/Institute : North South University
Present Address : 7/B-19 West Hazipara, Rampura, Dhaka-1219
Permanent Address : Dhansagor, Morelgonj, Bagerhat
Home District : Bagerhat
Marital Status : Married
Spouse's Name : Shimu
Professional Skill : Quality of Service, Oracle Database and IPv6
Special Achievement : N/A
Favorite Personality : My mother
Favorite Quotation : Impossible is a word which is found only in the dictionary of fool.
Hobby : Reading
Course Expectation : To be a good officer
Land Phone No. (Res) : 01552388623
Mobile Phone No. : 01552202746
E-mail Address : kamal@btrc.gov.bd, kamal_nub@yahoo.com





Name : **SUNJIB KUMER SINGHA**
Father's Name : Late Gouaranga Chandra Singha
Mother's Name : Mira Rani Singha
Designation & Office : Assistant Director, Systems & Services Division, BTRC
Joining Date : 01/02/2012
Date of Birth : 04/05/1983
Blood Group : A+
Last Education/Degree : BS in Electronics & Communication Engineering
University/Institute : BRAC University
Present Address : 9-10 Lake Circus, Kalabagan, Dhaka-1205.
Permanent Address : 62 Ram Krishna Mission Road, Mymensingh.
Home District : Mymensingh
Marital Status : Married
Spouse's Name : Dr. Barnali Sen
Professional Skill : Telecom technology, VAS, Telecom Policy Management, Capacity Building.
Special Achievement : Yet to Achieve!
Favorite Personality : Mohandas Karamchand Gandhi (Mahatma Gandhi) Bangabandhu Sheikh Mujibur Rahman
Favorite Quotation : "My imperfections and failures are as much a blessing from God as my successes and my talents and I lay them both at his feet"- Mahatma Gandhi
Hobby : Reading, Listening Music
Course Expectation : To be a true professional.
Land Phone No. (Res) : N/A
Mobile Phone No. : +8801552202853
E-mail Address : sunjib@btrc.gov.bd, sunjib@gmail.com

Name : **MAHDI AHMAD**
Father's Name : Mahfuz Uddin Ahmad
Mother's Name : Morjina Ahmad
Designation & Office : Assistant Director, BTRC
Joining Date : 01st February 2012
Date of Birth : 21st September, 1987
Blood Group : A+
Last Education/Degree : B.SC in Electrical and Electronics Engineering
University/Institute : Ahsanullah University of Science and Technology
Present Address : BTCL MD House, Road-1/A, Block-I, Banani, Dhaka-1217
Permanent Address : Nafisa Mahal, Shasthitola Para, Basanta Kumar Road, P.S-Jessore, P.O- Jessore.
Home District : Jessore
Marital Status : Married
Spouse's Name : Shahnaz Sultana
Professional Skill : 1. Level B Certification on IP/MPLS and ZXR10 8900 Series Router.
 2. ZTE Certification on WiMAX Technology
Special Achievement : Member of the Bangladesh Delegation team on ITU (International Telecommunication Union) PP-14
 (Plenipotentiary) election where Bangladesh elected as a council member.
Favorite Personality : Hazrat Muhammad (PUBH)
Favorite Quotation : Whatever comes our way, whatever battle we have raging inside us, we always have a choice.
Hobby : Travelling & watching movie.
Course Expectation : My expectation from this course is to be able to gain knowledge about Laws, Acts, governmental working process and learn how to apply that knowledge as a public servant. Also expect that the skills I learn in this course like teamwork, punctuality, maintaining physical fitness will also be helpful for me in of fice and my personal life.
Land Phone No. (Res) : 02-9889911
Mobile Phone No. : 01552202854
E-mail Address : mahdi@btrc.gov.bd





Name : ENGR. MD. ASIF WAHEED
Father's Name : M. MOTAHAR ALI MIAN
Mother's Name : LATE. SELINA BEGUM
Designation & Office : Assistant Director, Spectrum Division, BTRC
Joining Date : 1st February 2012
Date of Birth : 28 December 1984
Blood Group : "O" Positive
Last Education/Degree : BSc. Engineering in ETE
University/Institute : Daffodil International University
Present Address : House # 14 (2nd Floor), Road # 6, Sector # 6, Uttara Model Town, Dhaka.
Permanent Address : House # 14 (2nd Floor), Road # 6, Sector # 6, Uttara Model Town, Dhaka.
Home District : Tangail
Marital Status : Married
Spouse's Name : Lamiya Tabassum
Professional Skill : APT Certification Course on Spectrum Management
Special Achievement : SATRC working member
Favorite Personality : President Barak Obama
Favorite Quotation : Anyone who has never made a mistake has never tried anything new. - Albert Einstein
Hobby : Sports
Course Expectation : My expectation from this course is to learn team work, punctuality, honesty and maintaining physical fitness.
Land Phone No. (Res) : N/A
Mobile Phone No. : 01552202846
E-mail Address : asif@btrc.gov.bd

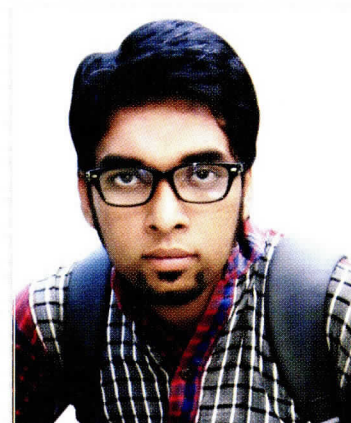
Name : MD. AMJAD HOSSAIN
Father's Name : Md. Abdus Salam
Mother's Name : Momtaj Nahar
Designation & Office : Assistant Director, Systems & Services, BTRC
Joining Date : 01/02/2012
Date of Birth : 01/10/1984
Blood Group : A+
Last Education/Degree : MA in History
University/Institute : Dhaka University
Present Address : 161, Mohammadpur Housing Limited, Mohammadpur Dhaka-1207.
Permanent Address : 60 Middle Laksam, Laksam, Comilla.
Home District : Comilla.
Marital Status : Married
Spouse's Name : Afsana Ahmed.
Professional Skill : Telecom technology, Governmental Relation.
Special Achievement : Try to Achieve something special.
Favorite Personality : My Father.
Favorite Quotation : What will be, will be.
Hobby : Playing, Listening Music,
Course Expectation : To be professional.
Land Phone No. (Res) : N/A
Mobile Phone No. : +8801552202855
E-mail Address : amjad@btrc.gov.bd, aminipu@gmail.com





Name : MD. HASHIBUL KABIR
Father's Name : Md. Kabir Hossain
Mother's Name : Mst. Habiba Begum
Designation & Office : Assistant Director, Finance, BTRC
Joining Date : 01/02/2012
Date of Birth : 12/01/1984
Blood Group : A+
Last Education/Degree : MSS, Public Administration
University/Institute : University of Rajshahi
Present Address : H # 228, R # 6, Mohammadia Housing Ltd, Mohammadpur, Dhaka- 1207
Permanent Address : Madrasa Bazar, North Road, PO: Chilahati, PS: Domar, Nilphamari- 5341.
Home District : Nilphamari
Marital Status : Married
Spouse's Name : Rumana Afroz Chudhury
Professional Skill : Social Research, Computer Literacy, Operating Software, Managing Organization
Special Achievement : Nothing Remarkable
Favorite Personality : Prophet Hazrat Mohammad (SM)
Favorite Quotation : "Show forgiveness, enjoin what is good, and turn away from the foolish." (Al-Quran)
Hobby : Reading, Travelling, Playing , Sleeping, Eating.
Course Expectation : To learn what need to apply in job.
Land Phone No. (Res) : N/A
Mobile Phone No. : 01552 202 866
E-mail Address : hashibul@btrc.gov.bd

Name : MD. ABDUSH SHAAHID CHOWDHURY
Father's Name : Abul Kalam Azad.
Mother's Name : Rowsanara Akter.
Designation & Office : Assistant Director (Administration), BTRC.
Joining Date : 20.06.2013
Date of Birth : 14.03.1985
Blood Group : B+
Last Education/Degree : MBA.
University/Institute : Dhaka University.
Present Address : Mirpur-1, Dhaka-1216.
Permanent Address : Chowdhury Monjil, Muslim Para, Bhola-8300.
Home District : Bhola.
Marital Status : Unmarried.
Spouse's Name : N/A.
Professional Skill : HRD.
Special Achievement : N/A.
Favorite Personality : Prophet Hazrat Muhammad (SM).
Favorite Quotation : Impossible is nothing.
Hobby : Travelling, Listening music & recitation & piano, Guitar Plucking.
Course Expectation : To know vast knowledge about govt. rules & regulations, norms, attitude.
Land Phone No. (Res) : N/A.
Mobile Phone No. : 01552202726.
E-mail Address : Shaahid@btrc.gov.bd





Name : **MOHAMMAD ALI**
Father's Name : Md. Kazam Ali
Mother's Name : Ayasha Begum
Designation & Office : Assistant Director
Joining Date : 20th June'2013
Date of Birth : 18th December'1984
Blood Group : B+
Last Education/Degree : M.B.S (Master of Business Studies)
University/Institute : Jagannath University
Present Address : Foyez Monjil, 219 South Kutub Khali, Donia, Dhaka-1236.
Permanent Address : Vill+Post: Kalapahari, PS: Araihaazar, Dist: Narayanganj.
Home District : Narayanganj.
Marital Status : Unmarried
Spouse's Name : N/A
Professional Skill :
Special Achievement : Merit List in H.S.C Exam
Favorite Personality : My Mother
Favorite Quotation : "Inna-mal Amanu Bin Niyot"
Hobby : Reading, Playing (Football, Boliball)
Course Expectation : To be a good officer
Land Phone No. (Res) :
Mobile Phone No. : 01552202873
E-mail Address : mohammadali@btrc.gov.bd

Name : **MD. MAHBUBUR RAHMAN**
Father's Name : Md. A. Sabur
Mother's Name : Shahina Begum
Designation & Office : Assistant Director
Joining Date : 1st July' 2013
Date of Birth : 1st December'1985
Blood Group : B+
Last Education/Degree : LLB (Hons), LL.M 1st Class
University/Institute : Rajshahi University
Present Address : Sabujbag, Bashaboo, Dhaka..
Permanent Address : Vill+Post: Rampal, PS: Rampal, Dist: Bagerhat.
Home District : Bagerhat.
Marital Status : Married
Spouse's Name : Baby Akter.
Professional Skill : Observations in various types of cases.
Special Achievement : Meddle, Various Types of Certificate.
Favorite Personality : My Mother
Favorite Quotation : "The Life Style of Shahaba"
Hobby : Reading, Playing, Hearing of BBC News
Course Expectation : To be a good officer
Land Phone No. (Res) : N/A
Mobile Phone No. : 01552202877, 01717250206
E-mail Address : mahbub.btrc@gmail.com





Name : **TANJARA-BINTE-ANSAR**
Father's Name : Late Mohammad Ansar
Mother's Name : Parveen Ansar
Designation & Office : Assistant Director (Engineering), Engineering & Operation Division, BTRC.
Joining Date : 16-06-2013
Date of Birth : 02-07-1982
Blood Group : O+
Last Education/Degree : BSC in Electrical & Electronics
University/Institute : The Institution of Engineer's Bangladesh (IEB)
Present Address : House-2, Road-1, Block-D, Section-2, Mirpur, Dhaka-1216.
Permanent Address : Charshankhura, Ansar nagar, Gaffargoan, Mymensingh.
Home District : Mymensingh
Marital Status : Married
Spouse's Name : Engr. Md. Zakir Hossain
Professional Skill : IEB member, M-27812 and also MCSA
Special Achievement : Got the top position in Bsc in EEE from IEB
And score 1000 out of 1000 in MCSA.
Favorite Personality : My Father
Favorite Quotation : "Whether it's the best of times or the worst of times, it's the only time we've got." Art Buchwald
Hobby : Singing, listening music & reading books
Land Phone No. (Res) : N/A
Mobile Phone No. : 01552202752
E-mail Address : tanjara@btrc.gov.bd

Name : **ENGR. MOHAMMAD KAMRUL HASAN**
Father's Name : Mohammad Khaybar Ali.
Mother's Name : Mrs. Shirin Gulshanara.
Designation & Office : Assistant Director (Engineering), Spectrum, BTRC.
Joining Date : 20th June 2013.
Date of Birth : 25th August 1984.
Blood Group : B + .
Last Education/Degree : Master of Engineering in Telecommunications.
University/Institute : Asian Institute of Technology (AIT), Thailand.
Present Address : 280/3, South Paikpara, Mirpur, Dhaka-1216.
Permanent Address : 280/3, South Paikpara, Mirpur, Dhaka-1216.
Home District : Kushtia
Marital Status : Married
Spouse's Name : Mrs. Farzana Yesmin
Professional Skill : Cyber Security, IP & TDM Transmission, Teletraffic Engineering, Data Communication, Management.
Special Achievement : I have a son, who is a special gift from almighty Allah to my family.
Favorite Personality : Prophet Muhammad (sallallâhû `alayhî wa sallam).
Favorite Quotation : Strive always to excel in virtue and truth-Bukhari.
Hobby : Watching Tech News & Movie, Reading, Writing, Cocking and Playing Cricket.
Course Expectation : Trustworthy, ethical, well organized with an attitude of self-motivation, creativity, and initiative to achieve goals.
Land Phone No. (Res) : N/A
Mobile Phone No. : +88-01552202884
E-mail Address : mkhasan@btrc.gov.bd ; kamrul786@gmail.com

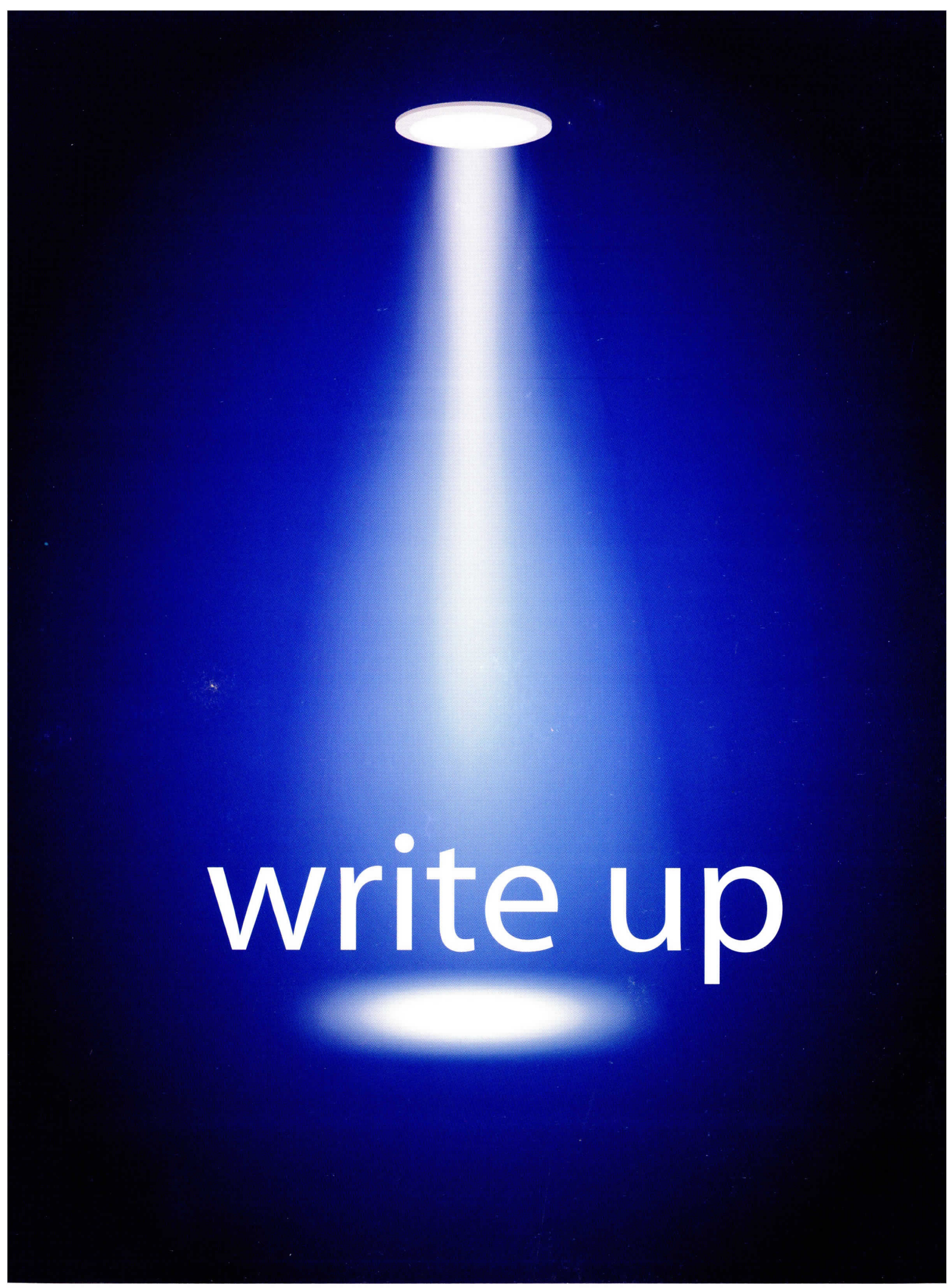




Name : MUHAMMAD ZAKARIA BHUIYAN
Father's Name : Md. Mohi uddin Bhuiyan
Mother's Name : Fatema Begum
Designation & Office : Assistant Director, BTRC.
Joining Date : 16-06-2013 (EARLY MORNING).
Date of Birth : 27-12-1987.
Blood Group : B(+VE)
Last Education/Degree : Bsc. in Engineering (EEE)
University/Institute : Eastern University.
Present Address : 4TH Floor, 261, Bara Moghbazar, Dhaka-1217
Permanent Address : C/O- Md. Mohi Uddin Bhuiyan, Vill- Hingula, Post Office- Konkapoit, Thana- Chauddagam, Dist- Comilla.
Home District : Comilla.
Marital Status : Single.
Spouse's Name : N/A.
Professional Skill : I have completed a Short Course on SCM (Supply Chain Management); Inst : BUET.
Favorite Personality : I have completed a short Course on Telecom pricing
Favorite Quotation : I have completed a Short Course on Electronics Trade from Youth Development.
Hobby : Prophet Hazrat Muhammad (Pbuh)
Course Expectation : "He who wisheth to enter Paradise at the best door must please his father and mother."
Land Phone No. (Res) : Reading.
Mobile Phone No. : I am hoping to come up with new idea to think innovatively.
E-mail Address : N/A
Mobile Phone No. : 01552-202-841
E-mail Address : zakaria@btrc.gov.bd

Name : SHIBLEE IMTIAZ
Father's Name : Md. Shahidul Haque
Mother's Name : Rabeya Begum
Designation & Office : Assistant Director, BTRC
Joining Date : 19th June, 2013
Date of Birth : 31st December, 1988
Blood Group : AB+
Last Education/Degree : B.Sc in Electrical and Electronic Engineering (EEE)
University/Institute : United International University (UIU)
Present Address : 299/5, Sher-E-Bangla Road, Rayer Bazar, Dhanmondi, Dhaka-1209.
Permanent Address : Rabeya Bhaban, Abhawa Office Road, Ward No.-01, Post # Bhola, Dist.# Bhola, Postal Code-8300
Home District : Bhola
Marital Status : Single
Spouse's Name : N/A
Professional Skill : Spectrum Management
Special Achievement : It is a great pleasure to pass the time with high officials of BTRC, whose were unknown to me. Hopefully, this kind of special amusement will bring little change in my busy urban life.
Favorite Personality : My Parents as well as Prophet Hazrat Mohammad (S:)
Favorite Quotation : "Nothing is impossible; the word itself says 'I'm possible'! - Audrey Hepburn
Hobby : Watching Movie & Sports, Listening Music, Reading Book etc.
Course Expectation : Improving my professional skills to be an excellent officer.
Land Phone No.(Res) : +880 491-61343
Mobile Phone No. : +880 1552-202886, +880 1711-245749
E-mail Address : shiblee@btrc.gov.bd



A vertical beam of bright white light descends from a circular light source at the top of the frame, creating a spotlight effect on the text below. The background is a deep, dark blue.

write up

Parent's Role for Keeping Children Safe in Cyberspace

Engr. Mohammad Kamrul Hasan

Assistant Director, BTRC.

The concept of a Digital Bangladesh is welcomed by the IT professionals and the general mass in our country. It is anticipated that the revolutionary move by the present government to digitalise Bangladesh will significantly accelerate improvements in Information Technology & Telecommunications sector. There is also a growing number of internet users. The internet penetration rate is about 25.53% (up to 2014, BTRC). The change of outlook towards Information Technology is bringing ease, independence, growth and improvement on mass people of Bangladesh. But among this hope for a new future, a growing threat lurks in the dark, such as cybercrime.

Our children are our nation's most valuable asset. According to the study of UNICEF in Bangladesh, there are over 64 million (41.29 %) children below 18 years of age. Among this, there are about 45 million (70.31%) children aged from 6 to 18 years (which is our main focus group of this discussion). They represent the bright future of our country and hold our hopes for a better nation. Our children are also the most vulnerable members of society. But still the cyberspace means internet is not absolutely safe for the children. Their indulgent mind is not strong or mature enough to refrain themselves from exploring the forbidden sites. So protecting our children against the fear of crime and from becoming victims of crime must be a national utmost priority.

Before entering to the main discussion, I would like to ask a simple question "Are your child is smart enough to access information through internet?" A miserable answer "Everyday there are twice as much cybercrime victims as new born babies - Norton Report-2013". Another question "Are parents matured enough to make safe internet surfing for their children?" The expected answer "Give light, and the darkness will disappear of itself - Desiderius Erasmus". At times, we are willing our children to use internet more but on the other hand, we keep internet unsafe for the children from obscene sites. So, we have a duty to save our own children against the abuse of internet or cyberspace. I hope that this pamphlet help parent to understand the exploitation of internet with some combat tips for their children.

Unfortunately the advances in computer and telecommunication technology that allow our children to reach out to new sources of knowledge, information and cultural experiences are also leaving them vulnerable to exploitation and harm by Internet-sex offenders. There are some security threats aimed specifically at kids or teens, but most are aimed at any potential victim, regardless of age. Sometimes they just involve websites, such as fan sites of children, YouTube, Dailymotion, Instagram, Facebook and other media-sharing tools in online. Sometime, it is also hard for adults to understand the difference between a legitimate offer and a scam, it can be even harder for children who haven't yet honed their critical thinking skills.



Generally, children are connected with internet and fallen under threats of cybercrime or immoral activities through some hi-tech devices and social engineering in cyberspace, for example- kids or teens love to watch videos, they often use family computers, they love to play with mobile phones, smartphones and tablets, they can be a big fan of celebrities, they are social, their IDs are valuable to thieves etc.

According to the Cyber Division of FBI (Federal Bureau of Investigation in U.S.), there are some findings from actual investigations involving child victims, as well as investigations where law enforcement officers posed as children. They found some signs that your child might be at risk on the internet, these are:-

- ▶ Your child spends large amounts of time at internet, especially at night.
- ▶ You find pornography on your child's computer, laptop or mobile device.
- ▶ Your child receives phone calls from stranger or is making calls, sometimes long distance, to numbers you don't recognize.
- ▶ Your child receives e-mail, gifts, or packages from someone you don't know.
- ▶ Your child turns the computer monitor off or quickly changes the screen on the monitor when you come into the room.
- ▶ Your child becomes withdrawn from the family.
- ▶ Your child is using internet account belonging to someone else.



For the fear of risks, there is no reason to avoid using technology or to keep it away from your children. Technology and the risks associated with it are constantly evolving, but a few things stay the same. When something great comes along, millions of people are going to use it and a small number of people are going to find ways to abuse it. So, it is important to think about what you and your children can do to reduce risk and learn how to recover if something does go wrong. I also believe that awareness to a parent is more important than to children to reduce the threats of internet. To help your children you can:

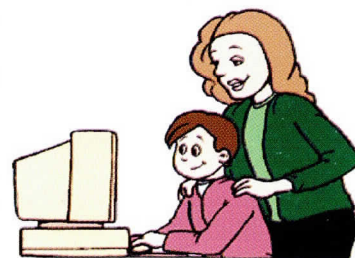
" Become computer literate and learn what young people learn - you need to know about chatting, blogging, message boards, YouTube, Facebook and MySpace etc.

" Know the best ways of avoiding spam or objectionable material and using filters, labels and safe zones to help to protect your children from offensive pop-up windows by using the pop-up blocker. Ensure your firewall is active and install some parent control software on your computer

and smartphone.

- Spend time online with your children to check out sites together and help your children to use the internet as an effective research tool.
- Bookmark the favourite sites for easy access by your children.
- Share an email account with your child so you can monitor messages.
- Teach your children that information on the web is not always reliable.
- Teach your children about dealing with disturbing material and leaving sites. Children are fascinated by what they learn about the world through internet. So, talk with your children to make sure they understand the risks without trying to scare them.
- Make your children aware of stranger danger, particularly in chat rooms. Encourage your children to be careful about giving out personal details, such as their real name, school's name, age, email or home address, phone number, or passwords on the internet.
- Stay informed about who your child is communicating with online. Always supervise them when in chatrooms and never allow them to meet up with new online friends without your knowledge.
- Keep desktop computer in a common area, not in individual bedrooms, where you can watch and monitor most of the time. Also do not provide laptop, smartphone or tablet to your children for private use, because it may has the internet access facility, which is beyond your supervision.
- Talk through internet use with your child and set some boundaries for computer use. Maybe the time of day they are allowed on the internet, how long they spend online, and what happens if they don't follow the guidelines. Supervise your child when they are working online and remind them about following the agreed guidelines.
- Let your child know you are around when they are working online - occasionally look over their shoulder.
- Attempts to restrict membership on social website below 18 years old. Age restrictions are not respected or effectively enforced, as growing numbers of secondary school children report that they have Facebook pages.
- Monitor your credit card and phone/internet bills for unfamiliar account charges.
- Find out what, if any, online protection is offered by your child's school, after-school centre, friends' homes, or any place where kids could use a computer without your supervision.
- Don't rely solely on 'Parental Controls' software. These only work for younger children. As soon as they are old enough for sleepovers, they are beyond your protection, so you will need to educate them to be safe.
- Encourage your children to share if something/someone make them feel uncomfortable or threatened on the internet. Stay calm and remind your children they are not in trouble for bringing something to your attention. Praise their behaviour and encourage them to continue share their experiences both good and bad. This way, you can foster safe practices and build healthy communications with your children.
- Take seriously if your child reports an uncomfortable online exchange.
- Inspire your children to participate in different physical activities like sports, dancing, even playing outside, rather than spending most of their recreation time on the computer, texting or using other communication technology.
- Finally, improve your child's ethics with the religious aspect.

In addition, the best defence is critical thinking is understanding when things are too good to be true or knowing to pause for a few seconds to consider the consequences of clicking on something, installing an app or entering a password or private information. It's not always easy, even for savvy adults, but it's something we all have to learn to deal with modern technology, such as internet, computer, smartphone, tablet etc. If someone in your family makes a mistake, try not to overreact. Calmly assess what might have gone wrong and seek out help. Do not try to "blame the victim" - yourself or your child. There are plenty of big companies, government agencies and tech-savvy consumers who have fallen victim to scams and hack attacks before your children.



Just as with everything else in life, we can't eliminate every possible risk associated with technology, but by using common sense and taking reasonable precautions we can greatly reduce our risk. It is also true that the internet freely by the children before making it safe for the children, would be tantamount to kill our culture and it will serve no purpose of education. So, we should put our attention to build a safe Internet Zone for all children along with building Digital Bangladesh.

Health Hazard by Mobile Technology- Fact or Fiction? : An exploration

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2nd Special Foundation Training Course for BTRC Officials

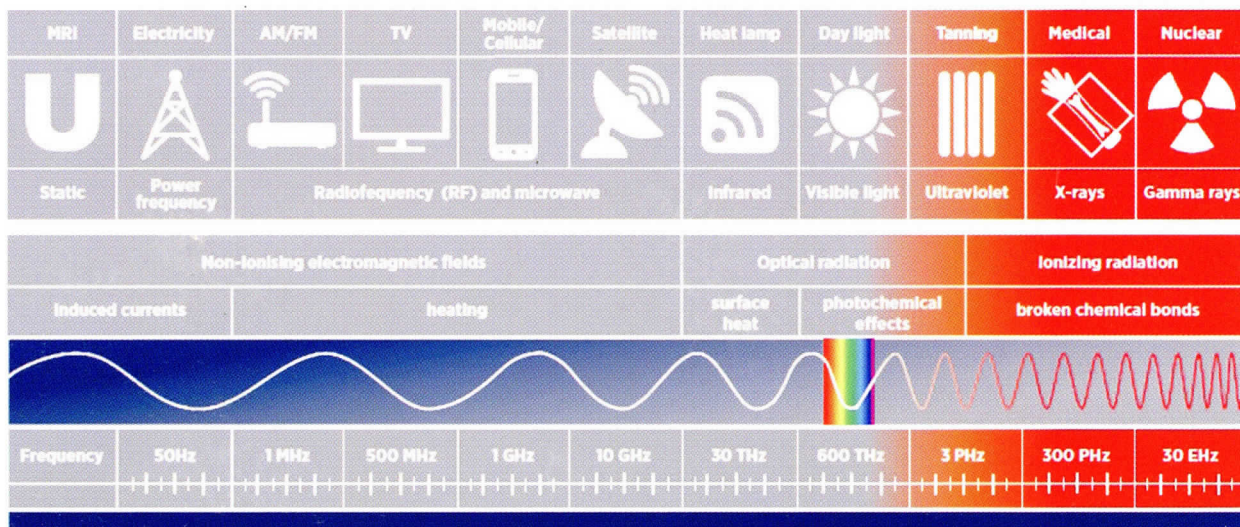
Mobile phones and other wireless technologies have become an integral part of everyday life. But does using a mobile phone regularly, or living near a base station, have any implications for our health?

What are radio signals?

Radio signals are part of everyday life, emitted both by natural sources like the sun, the Earth and the ionosphere, and by artificial sources such as:

- o mobile phone base stations
- o broadcast towers
- o radar facilities
- o remote controls
- o electrical and electronic equipment

Radio signals are a form of electromagnetic energy (or electromagnetic radiation - EMR), electric and magnetic fields moving together through space. Radio signals are non-ionising, which means that they cannot directly impart enough energy to a molecule to break or change chemical bonds. This is in contrast to ionising radiation, such as x-rays, which can strip electrons from atoms and molecules, producing changes that can lead to tissue damage and possibly cancer.



What are the biological effects and health hazards?

A biological effect occurs when a change can be measured in a biological system in response to a stimulus or change in the environment. However, a biological effect is not the same as a health hazard. A biological effect only becomes a health hazard when it damages the health of an individual. It has been known for many years that exposure to sufficiently high levels of radio signals can heat biological tissue and potentially cause tissue damage if the human body cannot cope with the extra heat. Studies have consistently shown that the radio signals routinely encountered by the public are far below the levels needed to produce significant heating and increased body temperature.

Much of the public concern relates to the possibility of health hazards from long term exposures at levels too low to produce measurable heating. There have been studies reporting biological effects but not health hazards at low levels. In many cases, the studies have not been subject to scientific peer review or the results have not been independently confirmed. The international consensus is that current limits are based on all the available scientific evidence, incorporate large safety factors and are highly protective of health.

Research

Extensive research has been conducted on the possible health effects of exposure to many types of radio signals. As of January 2012, there were over 1,800 publications related to mobile communications in the EMF-Portal

(www.emf-portal.de/) database. Since 1990, more than 100 reports by expert panels and government agencies have examined the scientific evidence and their consensus is that there are no established health hazards from exposures to radio signals at levels below the 1998 guidelines of the International Commission on Non-Ionising Radiation Protection (ICNIRP). The World Health Organization (WHO) recommends adoption of the ICNIRP exposure guidelines.

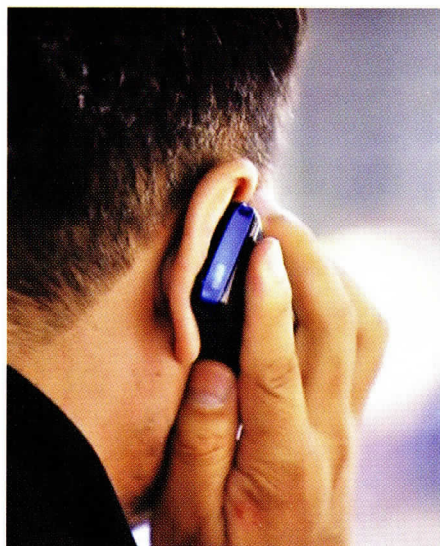
In May 2011 radiofrequency (RF) electromagnetic fields were classified as possibly carcinogenic to humans (Group 2B), a category used when a causal association is considered credible, but when chance, bias or confounding cannot be ruled out with reasonable confidence. The WHO has identified areas for continuing research to support future health risk assessments. Many research programmes have been guided by the WHO research recommendations and the WHO estimates that since 1997 over US \$200 million of funding has been allocated to such programmes.

ICNIRP Guidelines

The ICNIRP guidelines are recommended by the WHO, the International Telecommunications Union (ITU) and the European Commission and have been widely adopted in Africa, Asia, Europe, the Middle East and Latin America. Similar exposure standards are used in North America. Due to differences in scientific interpretation or in response to public concern some countries apply more restrictive standards. These measures provide no additional health protection and may lead to increased public concern.

What are the international exposure recommendations?

In 1998, the ICNIRP, an independent scientific body recognised for its expertise by the WHO, issued guidelines for radio signal exposure that are applicable to mobile phones, base stations and other wireless devices. The ICNIRP guidelines were developed following reviews of the scientific literature, including thermal and non-thermal effects, and are designed to provide protection against all established health hazards. The ICNIRP guidelines include substantial safety factors. ICNIRP monitors new scientific findings to ensure that the recommendations are protective of health and confirmed the guidelines in 2009.



Illness clusters

There has been speculation regarding claims of illness clusters (particularly cancer) near base stations. However, subsequent examinations by independent health authorities have not identified any true clusters linked with either proximity to the base stations or the low level radio signals they transmit. Rare diseases are often distributed randomly in the community. Given the widespread presence of base stations there may be chance instances of apparent clusters as antenna sites need to be located where people use phones.

Mobile phones

Compliance of mobile phones is based on assessment of the Specific Absorption Rate (SAR), which is the unit of measurement for the amount of RF energy absorbed by the body. The SAR is determined at the highest certified power level in laboratory conditions, however, the actual SAR level of the phone while operating can be well below this value. Mobile phones use adaptive power control to reduce the transmitted power to the minimum possible whilst maintaining good call quality. This prolongs talk time and minimises interference to other callers. For example, during a voice call the average power output of a phone can vary from 0.001 watt up to the maximum level which is less than one watt. When coverage is good, such as close to a base station, the output level may be similar to that of a home cordless phone. The view of the WHO is that the international exposure recommendations are protective of all persons and that no special precautions are needed for mobile phone use. If individuals are concerned, they might choose to limit their exposure by limiting the length of calls, or using 'hands-free' devices to keep mobile phones away from the head and body. Bluetooth earpieces use very low radio powers and will also reduce exposure.

Handsfree kits and shields

Various products are being marketed that claim to increase the safety of mobile phone use. These products generally take the form of shielded cases, earpiece pads/shields, antenna clips/caps, special batteries and absorbing buttons. A mobile phone automatically operates on the lowest power necessary to maintain call quality. If an add-on device adversely affects the phone's antenna, the phone will attempt to transmit more power up to its specified maximum. Scientific evidence does not indicate any need for shields on mobile phones. They cannot be justified on health grounds and the effectiveness of many such devices in reducing exposure is unproven. If individuals are concerned, personal hands-free devices have been shown to reduce exposures by at least a factor of 10 by allowing the phone to be used away from the head and body.

Children and radio signals

Some parents are concerned about whether there are health risks for children using mobile phones or where base stations are sited close to schools, day care centres or homes. National authorities in some countries have recommended precautionary restrictions on phone use by younger children due to concern about possible greater vulnerability and to limit longer lifetime exposures if there is an unrecognised health risk. The WHO has concluded that current scientific evidence does not justify specific measures and that international safety guidelines are protective of all persons, including children and pregnant women.

What expert says?

"A large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

-World Health Organization (WHO), 2011

'Studies to date provide no indication that environmental exposure to RF [radiofrequency] fields, such as from base stations, increases the risk of cancer or any other disease.'

-WHO, September 2013

"...it is the opinion of ICNIRP that the scientific literature published since the 1998 guidelines has provided no evidence of any adverse effects below the basic restrictions and does not necessitate an immediate revision of its guidance on limiting exposure to high frequency electromagnetic fields."

-International Commission on Non-Ionising Radiation Protection (ICNIRP), 2009

"...no evidence has been found that exposure to radiofrequency electromagnetic fields has a negative influence on the development and functioning of children's brains, not even if this exposure is frequent."

-Health Council of the Netherlands, 2011

MYTHS

I've read that mobile phones can cause cancer. Is this true?

There are no established health risks from the radio signals used by mobile phones. Some studies have suggested increased brain cancer risk for long-term users but there are limitations to the studies and a lack of evidence of cancer increase in national health registries. Due to these uncertainties, the WHO recommends that research should continue.

What does the classification of radio signals as a possible carcinogen mean?

In May 2011, a specialist cancer agency of the WHO concluded that there was a possible cancer hazard from radio signals based on limited evidence from human and animal studies. Health authorities advise that more research is needed and remind mobile phone users that they can take practical measures to reduce exposure such as use of a hands-free kit.

What about other health risks?

Independent scientific institutions around the world review relevant research as it is published. The consensus of these expert groups is that there is no demonstrable evidence of a risk to human health from mobile phone radio signals.

How can we be sure that this research is accurate?

Sophisticated and sensitive research methods using well-tried models for assessing health risks from other agents have been applied to investigate the safety of mobile phones. Many research institutions and the guidelines according to which such research is conducted, are controlled by government and independent bodies around the world. Research results are continually reviewed at an international level by organisations such as the ICNIRP and the WHO.

I live close to a base station. Am I at risk?

The consensus scientific view is that there are no health risks from living near a base station. Mobile phone base stations use low power radio transmitters to reduce interference to nearby sites. Recent measurement surveys show that exposures to base station radio signals range from 0.002 per cent to two percent of the levels of international exposure guidelines, depending on a variety of factors such as the proximity to the antenna and the surrounding environment. This is lower or comparable to RF exposures from radio or television broadcast transmitters. It is only in areas close to the antennas that the recommended limits may be exceeded and the network operator prevents public access to these areas by placing the antennas near the top of the mast or high on a building.

Why are there so many restrictions on using mobile phones in hospitals?

At short range, the radio signal from a mobile phone may cause interference with electronic medical devices. At distances greater than one to two metres, the possibility is substantially reduced. It is possible for mobile phones to be used in designated areas of hospitals.

Why can't I use my mobile phone when I fly?

It is standard practice on aircraft to turn off all types of radio transmitters and certain other electrical devices unless they have been demonstrated not to cause interference to aircraft systems. There have been recent successful trials of mobile phone use on aircraft in Europe and the USA, and plans for commercial operations have been announced.

I've heard reports of mobile phones causing explosions at petrol stations, is this true?

There is no evidence of any established link between radio signals from mobile phones or base stations and petrol station fires. In fact, a 2005 report for the Australian Transport Safety Bureau concluded that of 243 reported incidents around the world none were associated with telecommunication equipment; instead, many of the fires were ignited by the discharge of static electricity from the human body.

How do we know that new radio technologies are safe?

There is a large body of existing scientific research that has been used to develop safety standards. Expert groups have not established any signal specific effects, so the scientific consensus is that compliance with current safety standards is sufficient for newer technologies and provides protection against all established health hazards.

Are some people more sensitive to radio signals?

No. The WHO has concluded that while self-reported headaches and other symptoms are real, there was no scientific basis to link the symptoms to exposure to radio signals. Furthermore, the WHO says that treatment should focus on medical management of the health symptoms and not on reducing exposure to radio signals.

I've read stories claiming that mobile phones can affect male fertility and sperm quality, is this true?

Some preliminary scientific studies have reported a link, however, these studies have generally not properly accounted for lifestyle factors, for example, diet, smoking, etc. The consensus view of expert public health bodies, including the WHO, is that there are no adverse health effects associated with the radio signals used by mobile phones or base stations.

Should I be concerned about the wireless network in my office or at my child's school?

The UK Health Protection Agency advises that on the basis of current scientific information wireless computer networks satisfy international guidelines and, therefore, there is no reason why schools and others should not use this equipment. In addition, the WHO states that '...there is no convincing scientific evidence that the weak RF signals from base stations and wireless networks cause adverse health effects.'

Are the stories that mobile phones can cook eggs or make popcorn pop really myths?

They are both myths. There is simply not enough power from a mobile phone to produce either effect. A mobile phone has a maximum average power of about 0.25 watts, compared to 900 watts or more from a microwave oven.

Does a lower SAR mean that a phone is safer?

No. Variations in SAR do not mean that there are variations in safety. While there may be differences in SAR levels among phone models, all mobile phones must meet RF exposure guidelines.

Where can I get the SAR value for my phone?

SAR information for many phones is now included with the instructions as well as being published on the company website or at www.sartick.com.

Mobile phones are a relatively recent invention. So far, studies have indicated that using these phones for about 10 years is unlikely to cause cancer. But we cannot be completely sure about their long-term effects. And there have not been enough studies looking at how mobile phone use could affect the health of children. Research is underway to fill both of these gaps in our knowledge. Until we get a conclusive answer, regulator should recommend something as precautionary steps which we still lack behind unfortunately. Globally numerous regulators already taken some precautionary measurement to educate the subscriber, BTRC may follow the path.

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 European Commission- http://ec.europa.eu/health/electromagnetic_fields/
 U.S Federal Communications Commission- www.fcc.gov
 GSMA- www.gsma.com
 International Telecommunications Union- www.itu.int/en/ITU-T/emf/
 International Commission on Non-Ionizing Radiation Protection- www.icnirp.org

Network & Telecommunications Security

Zian Shah Kabir

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The IT infrastructure has become an integral part of the critical infrastructures. There is little information that will not at one time or another be stored or transmitted electronically. Information on paper as soon as it is fixed or input into a computer or any other gadget, enters the electronic world. From here the information can be changed or altered, deleted or broadcast to the world. Though the use of appropriate security products and procedures, hope to achieve reasonable assurance that electronic information is adequately protected from unauthorized change or dissemination and ensure the information is always available.

Regardless of the access medium and the coverage of a network, network security can be considered through the achievement of two security goals: Computer system security and communication security. The goal of computer system security is to protect information assets against unauthorized or malicious use as well as to protect the information stored in computer systems from unauthorized disclosure, modification, or destruction. The goal of communication security is to protect information during the transmission through a communication medium.



Cyberspace is defined as the interdependent network of information technology infrastructures, and includes the internet, telecommunication networks, computer systems, and embedded processors and controllers in critical industries. It has grown dramatically and expanded beyond traditional traffic to include multimedia data, process control signals, and other forms of data. Cyber security and information assurance refer to measures for protecting computer systems, networks, and information from disruption or unauthorized access, use, disclosure, modification, or destruction. The purpose of cyber security and information assurance is to provide for confidentiality, integrity and availability. A vulnerability is a flaw or weakness in the design or implementation of hardware, software, networks, or computer-based systems, including security procedures and controls associated with the systems. A threat is any circumstance or event with the potential to intentionally or unintentionally exploit one or more vulnerabilities in a system, resulting in a loss of confidentiality, integrity, or availability. Risk is a combination of the likelihood that a particular vulnerability in an organization's systems will be either intentionally or unintentionally exploited by a particular threat agent and the magnitude of the potential harm to the organization's operations, assets, or personnel that could result from the loss of confidentiality, integrity, or availability.

Authentication, authorization and trust management are the key measures to ensure the cyber security. These security measures have limitations that frustrate effort of system security managers to increase overall security levels for networks, systems, and information. Next-generation concepts denoted that both streamline and harden authentication, authorization, and trust management technologies and tools are needed to mitigate vulnerabilities associated with changing network dynamics and increased security threats. IPsec is a suit of protocol to provide confidentiality, integrity protection, peer authentication, traffic analysis protection and Internet Key Exchange (IKE) negotiates and manages the details of the IPsec protections using secret keys. Public key certificates are the recommended mechanism for peer authentication within IPsec/IKE.



Wireless security involves measures to provide cyber security and information assurance to users, devices, and networks that use radio frequency (RF) or infrared (IR) physical layers for communication. Data security in wireless networks is usually provided by layer 3 (network) a networks and above techniques, such as virtual private networks and secure tunnels. Wireless-specific intrusion detection capabilities using RF sensors are needed to supply network monitoring systems with data unique to the wireless

network.

Cryptology is the branch of mathematics focused on designing algorithms to keep information (data) secret. Cryptography is the work of applying these algorithms to secure systems, protocols, applications, and messages. Digital signature is an electronic signature that can be used to authenticate the identity of a message's sender or of a document's signer. It delivers the core security principle of integrity by ensuring that the original content of the message or document that has been conveyed is unchanged. Digital signature involves a one-way mathematical function called hashing and uses public key (asymmetric) encryption.

Security in mobile communication is also very imperative for the shield of protecting the information. The main purpose of the security in Global System for Mobile (GSM) is to prevent unauthorized access to mobile service and protect information at the radio path from eavesdropping (Encryption). Temporary Mobile Subscriber Identity (TMSI) is used as a temporary subscriber identifier to prevent an eavesdropper from identifying of subscriber and also Subscriber Authentication Key (K_i) shared 128 bit key used for authentication of subscriber by the operator. International Mobile Equipment Identifier (IMEI) allows identifying mobiles, used to identify stolen or compromised equipment. Equipment Identity Register (EIR) used for black listing the stolen or non-type mobiles, white listing for valid mobiles, gray listing for local tracking mobiles.

In the 3G network architecture, data integrity is assured explicitly by use of integrity algorithms and also stronger confidentiality algorithms with longer keys. Security is based within the switch rather than the base station and provides security for applications resident on USIM. Mechanisms to combat fraud in roaming situations and security features can be extended as required by new threats and service. Signaling and user data is protected from eavesdropping in the network.

National Telecommunication Monitoring Center (NTMC) is established under the Ministry of Home Affairs (MoHA) to control over the security aspects as per Bangladesh Telecommunication Act 2001 (as amended on 2006). Also Bangladesh Computer Emergency Response Team (BDCERT) under Bangladesh Telecommunication Regulatory Commission is working to ensure the proper cyber usage in Bangladesh. Bangladesh Computer Council (BCC) is also working on separate project on cyber security. Bangladesh Government has already established the certified authority to issue the digital signature to ensure the security aspects in the respective field. BTRC has taken the initiative to establish the automatic SIM/RUIM registration process through National Identification (NID) card verification, to establish the system on internet safety solution, to establish the Centralized Monitoring System (CMS) to ensure the proper monitoring into the telecom infrastructures in Bangladesh.

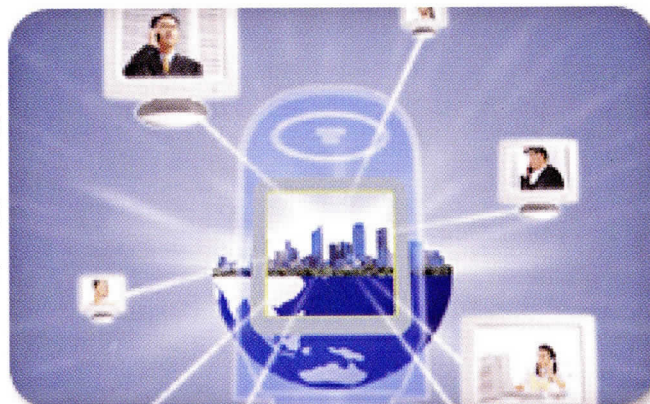
IPv6-The History and Timeline

Mohammad Kamal Hossain Foraji
Assistant Director (E&O), BTRC

Background

The current version of the Internet Protocol is the main protocol standard RFC 791 that governs the Internet. With the unprecedented expansion of Internet use in dense countries like India and China.

The impending shortage of address space is a limiting factor to the continued usage of the Internet. The following table shows a statistic showing the percentage of address space getting consumed over the years after 1981.



1985	~ 1/16 of total space
1990	~ 1/8 of total space
1995	~ 1/4 of total space
2000	~ 1/2 of total space
Halfway through 2002	~ 2/3 of total space

With admirable foresight, the Internet Engineering Task Force (IETF) initiated as early as in 1994, the design and development of a suite of protocols and standards now known as Internet Protocol Version 6 (IPv6), as a worthy tool to phase out and supplant IPv4 over the coming years. There is an explosion of sorts in the number and range of IP capable devices that are being released in the market and the usage of these by an increasingly tech savvy global population. The new protocol aims to effectively support the ever-expanding Internet usage and functionality, and also address security concerns.

IPv6 uses a 128-bit address size compared with the 32-bit system used in IPv4 and will allow for as many as 3.4×10^{38} possible addresses, enough to cover every inhabitant on planet earth several times over. The 128-bit system also provides for multiple levels of hierarchy and flexibility in hierarchical addressing and routing, a feature that is found wanting on the IPv4-based Internet.

A brief recap of the major events in the development of the new protocol is given below:

- Basic protocol (RFC 2460) published in 1998
- Basic socket API (RFC 2553) and DHCPv6 (RFC 3315) published in 2003.
- Mobile IPv6 (RFC 3775) published in 2004
- Flow label specifications (RFC 3697) added 2004
- Address architecture (RFC 4291) stable, minor revision in 2006
- Node requirements (RFC 4294) published 2006

IPv6 Features

The massive proliferation of devices, need for newer and more demanding applications on a global level and the increasing role of networks in the way business is conducted are some of the pressing issues the IPv6 protocol seeks to cater to. The following are the features of the IPv6 protocol:

- New header format designed to keep header overhead to a minimum-achieved by moving both non-essential fields and optional fields to extension headers that are placed after the IPv6 header. The streamlined IPv6 header is more efficiently processed at intermediate routers.
- Large address space-IPv6 has 128-bit (16-byte) source and destination IP addresses. The large address space of IPv6 has been designed to allow for multiple levels of subnetting and address allocation from the Internet backbone to the individual subnets within an organization. Obviates the need for address-conservation techniques such as the deployment of NATs.
- Efficient and hierarchical addressing and routing infrastructure-based on the common occurrence of multiple levels of Internet service providers.
- Stateless and stateful address configuration both in the absence or presence of a DHCP server. Hosts on a link automatically configure themselves with link-local addresses and communicate without manual configuration.
- Built-in security: Compliance with IPsec is mandatory in IPv6, and IPsec is actually a part of the IPv6 protocol. IPv6 provides header extensions that ease the implementation of encryption, authentication, and Virtual Private Networks (VPNs). IPsec functionality is basically identical in IPv6 and IPv4, but one benefit of IPv6 is that IPsec can be utilized along the entire route, from source to destination.
- Better support for prioritized delivery thanks to the Flow Label field in the IPv6 header
- New protocol for neighboring node interaction- The Neighbor Discovery protocol for IPv6 replaces the broadcast-based Address Resolution Protocol (ARP), ICMPv4 Router Discovery, and ICMPv4 Redirect messages with efficient multicast and unicast Neighbor Discovery messages.
- Extensibility- IPv6 can easily be extended for new features by adding extension headers after the IPv6 header.

IPv6 thus holds out the promise of achieving end-to-end security, mobile communications, quality of service (QoS), and simplified system management

RFC Links

Communication between computers on the Internet is made possible by the exchange of packets of digital information in a system designed for standard Internet Protocols are recorded in this document.



Protocol	Acronym	Purpose	RFC
Internet Protocol	IP	Physical network	RFC-791
Internet Control Message Protocol	ICMP	Status messaging	RFC-792
Transmission Control Protocol	TCP	Guaranteed delivery	RFC-793
User Datagram Protocol	UDP	Coordination, Audio	RFC-768
Telnet Protocol	TELNET	Remote login	RFC-764
File Transfer Protocol	FTP	Network utility	RFC-765
Simple Mail Transfer Protocol	SMTP	Email servers	RFC-788
Network News Transfer Protocol	NNTP	Usenet	RFC-977
Hypertext Transfer Protocol	HTTP	Web	RFC-2068

There exist eight higher level protocols above the Internet Protocol, which provide additional functionality to different applications. The nine fundamental Internet protocols are referred to by their own acronyms, and are described by the respective RFC's:

IPv6 has a number of technical features making it feasible to support a range of next-generation network applications and services. It is also equipped with extension headers that will make it easy to integrate future features and services without having to rewrite the protocol. Some of the important standards for specification of these features and functionality are given below:

RFC 2460-Internet Protocol Version 6 (IPv6) Specification. This standard covers the following:

128-bit Addressing: Scalability from 232 potential addresses to 2128 addresses, vastly expanding usable unicast and multicast address space

End-to-End Addressing: Reintroduces the end-to-end model to greatly lower the cost and complexity of peer-to-peer communications by eliminating the need for Network Address Translation (NAT)

Improved QoS Support: More QoS options with flow labels and extension headers

Simplified Header: Improved header structure speeds up packet processing in routers and makes basic IPv6 header more compressible (than IPv4) for low data rate wireless and dial-up connections.

Extensible Headers: Allows additional protocol-level information to be added to the basic IPv6 header so IPsec and mobile IPv6 are easily integrated on top of the basic IPv6 protocol

Advanced Network Services: Basic IPv6 features and extension headers can be leveraged to build more powerful network services for mobility, security, QOS, peer-to-peer applications, etc.

RFC 2460, 4301, & others

Improved security support via IP layer security (IPsec) making it cheaper to deploy VPN-like security for all applications

RFC 2461, 2462 & others

Autoconfiguration: Improved "plug and play" support using IPv6 link-local addressing, scoped multicasting & anycast support to automatically self-configure and discover neighbor nodes, routers, and servers

RFC 2463

Internet Control Message Protocol for IPv6 (ICMPv6)

RFC 4291, 4193

New Address Types: New addressing options for link local, anycast, intra-domain, and globally unique Internet communications.

RFC 3041, 3972

Security Addressing: New security addressing options for randomly generated addresses to protect privacy and cryptographically generated addresses used to sign and authenticate messages.

RFC 2460, 3306, 4291

Enhanced Multicast Features: Enhanced local and global multicasting support scoped multicasting, and tremendous expansion of usable multicast address space.

RFC 4291

Multi-homing Features: Multiple addresses can be assigned to IPv6 network interfaces. Use of different addresses can be used to differentiate link-local, intra-domain, and global messages.

Timeline

IPv6 deployment is gaining speed as IPv6 infrastructure is being installed throughout the Internet backbone and the major wide-area networks. Tier-1 Internet backbone networks run by AOL Transit Data Network, AT&T, Global Crossing, Level 3, MCI, NTT (Verio), Sprint Nextel, Qwest, SAVVIS, VSNL-Teleglobe, Telesonera, France Telecom, Telefonica have already tested and deployed using IPv6.

The major wide-area R&D networks that have been in operation with IPv6 infrastructure, services, and applications for some time now are: AARNET (in Australia), Abilene (Internet2-in the US), ERNET (in India), CSTNet2 & CERNET2 (in China), Gigabit European Academic Network (GEANT) (in Europe), JGN2 & WIDE (in Japan), KREONET2 (in Korea), RedCLARA (in Latin America), RUNet & FREEnet (in Russia), and TANET2 & TWAREN (in Taiwan).

A joint project between Lumeta Inc. and the IPv6 Forum (world-wide consortium of leading Internet vendors, industry subject matter experts, and research & education networks formed with the mission to drive IPv6 deployment) was taken up during 2005 to study IPv6 deployment at the global level.

The findings indicate that the IPv6 core is well supported, has proven interoperability, is being deployed in the latest generation of routers and operating systems, and is being extended to the last-mile infrastructure necessary to support complete enterprise transitions.

Additional standards for stateful autoconfiguration (DHCPv6), IPsec key exchange (IKEv2), SEcure Neighbor Discovery (SEND), and IPv6 over emerging link layers (802.15, WiMAX, etc) are being tested and deployed in new IT infrastructure. The integration of IPv6 into enterprise applications, network management, and security infrastructure is already in progress by governmental initiatives in Asia and the U.S.

The U.S. Government, for one, has issued a mandate that the network backbones of all federal agencies deployed IPv6 by 2008. As things stand, the IPv6 Forum projects the worldwide Internet penetration to reach 35% by 2015 and 50% by 2020. By a year, according to the IPv6 Forum, "IPv6 will become a dominant protocol and the New Internet will become commodity for everyone and everything."

Things we have learned from movies...

S. M. Golam Sorwar, Senior Assistant Director

"Oh yes, the past can hurt. But you can either run from it, or learn from it."

- Rafiki, from The Lion King

I love you. I am who I am because of you. You are every reason, every hope, and every dream I've ever had, and no matter what happens to us in the future, everyday we are together is the greatest day of my life. I will always be yours.

- From The Notebook

Sometimes I wish I had never met you. Because then I could go to sleep at night not knowing there was someone like you out there.

- Good Will Hunting

Life moves pretty fast. If you don't stop and look around once in a while, you could miss it.

- Ferris, from Ferris Bueller's Day Off

You can't live your life for other people. You've got to do what's right for you, even if it hurts some people you love.

- The Notebook

We're women. We don't say what we want, but we reserve the right to be pissed off if we don't get it.

- Lydia, from Sliding Doors

So it's not gonna be easy. It's gonna be really hard. We're gonna have to work at this every day, but I want to do that because I want you. I want all of you, for ever, you and me, every day.

- The Notebook

I guarantee that we'll have tough times. I guarantee that sooner or later one, or both of us will want to get out. But I also guarantee that if I don't ask you to be mine, I'll regret it for the rest of my life..because I know in my heart you're the only one for me.

- Runaway Bride

"waiting for you is like waiting for rain in this drought, hopeless and disappointing"

-Hillary duff (a cinderella story)

Forever is a long time and time has a way of changing things.

- "The Fox and The Hound

" You are the answer to every prayer I've offered. You are a song, a dream, a whisper, and I don't know how I could live without you for as long as I have. I love you, more than you can ever imagine. I always have, and i always will."

- the notebook

Every story has an end, but in life every ending is just a new beginning.

- Uptown Girls

"When a defining moment comes along, you can do one of two things. Define the moment, or let the moment define you."

- From Tin Cup

Calling someone fat doesn't make you any skinnier. Calling someone stupid doesn't make you any smarter. All you can do in life is try and solve the problem in front of you.

- Mean Girls

You try,

You fail,

You try

You fail,

But the real failure is when you stop trying!

- The Haunted Mansion, Walt Disney

We walk away from our dreams afraid we may fail, or worse yet, afraid we may succeed.

- Sean Connery in Finding Forrester

Never hate your enemies, it affects your judgement.

- from The Godfather

Fear can hold you prisoner....

Hope can set you free.

- Shawshank redemption

..No matter how your heart is grieving,
if you keep on believing,
the dream that you wish will come true..

- cinderella

A gold medal is a wonderful thing. But if you're not enough without it, you'll never be enough with it.

- from Cool Runnings

"May my children live in milk and rice"

Md. Hashibul Kabir

Assistant Director, Finance, BTRC

Ask any Bengali person or anyone who is familiar with the Bengali culture, would most probably say that the "Bengali culture" has a few dominant features: rice, fish and 'adda' (informal chats). In many poems and songs describing in Bengala about green or unhusked golden seeds (paddy/dhaan). Rice is processed by boiling (chal) and without boiling (atap), there might be several further processes to make popped rice (khoi), puffed rice (moori), pressed rice (chira). Those used as snacks, eaten with milk/yogurt and fruits, sometimes made tastier by cooking with molasses made from date-palm syrup and forming them into balls (moas).

Rice is the central theme in Bengali kitchens, Bengalis tend to eat rice (bhat) with lentils (daal), vegetable (torkari) and fish (machh) cooked with a variety of spices and sometimes curried eggs are served as a replacement of fish. Different types of vegetables, fruits and fish are available in the six Bengali seasons. Cabbage, cauliflower, carrots, beets, eggplants, tomatoes, spinach, peas and other vegetables are usually found in the winter; a wide variety of leafy vegetables are eaten year-round. During the summer and rainy seasons, the variety of vegetables dwindle. Typically fruits are not part of the main meals, except bananas, mangoes or jackfruit served with milk as dessert. Cooked sweet-and-sour fruit dish chutney may be eaten following the main dishes for cleansing the palate and preparing it for tasting the heavenly desserts. Ripe, dark brown tamarind or star fruit, plum, tomato, prune, date, olive or green mango is used to make chutneys. Some Bengali people eat rice twice daily for lunch and dinner, while some take for rooti, parota or luchi for the evening meal. Meat (beef, goat, duck, or chicken) is consumed less frequently. There is a special rainy-day dish made of rice with vegetables and spices is called 'khichuri' essentially one dish that can serve as a complete meal to cooking and serving easier. This dish is usually served with all kinds of fries.

While inviting someone for dinner, the host may humbly say, "Please come and have daal and bhaat (cooked rice) with us," even though in all likelihood the meal would consist of many more dishes. For weddings and other special occasions, the meals are usually more elaborate. Depending on the socio-economic status of the host, the items could include polao (spiced and buttered fragrant rice), fried vegetables, fish, vegetable and fish dishes, chutney with sweet yogurt and delectable sweets. Now a day kacchibiriyani, mutton biriyani, beef tehari, morog-polao, roast, korma, rezala are served with borhani & other soft drinks & dessert. In Hindu culture the first solid food a baby officially takes around six months of age, is called "anna-prashan" or "rice feeding" ceremony that features 'payesh' or delicious Indian rice-pudding (no eggs) as the primary course. Rice-pudding is also a compulsory item for birthday celebrations like cakes in Western society and for 'sadh' (means wish), a grand feast for soon-to-become mothers.

About Spices, Bengali people use many different spices to prepare their dishes. All kinds of seeds, barks and leaves are used whole or split for the initial 'phoron' – that is, frying them to flavor the oil – such as kalojeera (onion seeds), jeera (cumin), mustard, anise, fennel, celery and whole green or red chilies, peppercorn, cloves, cardamom pods, cinnamon sticks, bay leaves, shredded or cubed coconut. A combination of five different seeds is called "panch [means five] phoron". Similarly, cinnamon, cardamom and cloves are combined to make "garam masala" and are used whole for phoron, or in powder or paste form at the end. The vegetables are sautéed in this oil, then depending on the type of dish, different combinations of spices in powder or paste form would be added to the saucepan, wok or frying pan, turmeric being the most common, with cayenne, cumin, coriander, mustard, ginger, onion, garlic, asfoetida, saffron, poppy, sesame, nutmeg, mace and again, cardamom (large and small), cinnamon and cloves keeping company. Chopped fresh 'Cilantro' or coriander leaves are often used for additional flavor in some dishes.

Bengalis take pride on their desserts. Bengalis are the pioneer of making & inventing a variety of sweets in the Indian Subcontinent. The last item before the sweets is Doi or Mishti Doi (sweet). Bangladeshi cuisine has a rich tradition of sweets. The most common sweets and desserts is Rasgulla - Bengalis identical Rasgulla, locally pronounced "Roshogolla" or "Rashgolla", is a sweet made with channa (posset/curdled milk) and sugar syrup. Channer Shondesh is a dessert created with milk and sugar. Chhanar Mishti - a sweet made of chickpea flour with sugar/jaggery/molasses. Rosh-malai - small rashgollas in a sweetened milk base; Comilla is famous for its Rosh-malai. Chhana is fresh, unripened curd cheese made from water buffalo milk. Chhaner jilapi - made in a manner very similar to regular jalebi except they are made with chhana. Khir is a common Bangladeshi sweet dish. Phirni, together with Zarda, is also typical during Shab-e-Barat and Eid. Gurer Shondesh is a fritter made of rice flour and palm sugar. Chomchom – Specialty from Porabari, Tangail District in Bangladesh. This oval-shaped sweet is reddish brown in colour and has a denser texture than the rôshogolla. Shemai is vermicelli prepared with ghee or vegetable oil.

Piṭha - In Bangladesh, the tradition of making different kinds of pan-fried, steamed or boiled sweets, lovingly known as piṭhe or the "pitha". The richness lies in the creamy silkiness of the milk which is mixed often with molasses, or jaggery made of either date palm or sugarcane, and sometimes sugar. They are mostly divided into different categories but most common forms of these cakes include bhapapiṭha (steamed), pakanpiṭha (fried), and pulipīṭha (dumplings), among others. The other common pithas are chondropuli, gokul, patishapta, chitaipīṭha, askipīṭha, mugerpuli and dudhpuli. Generally rice flour goes into making the pitha.

This Article is summarizes from the following leturature for fulfillment of SSFTC course requirement.

1. <http://now2gether.org/submissions/Jharna/Food/BengaliCultureofFoodandSpicesDec1607.pdf>
2. http://en.wikipedia.org/wiki/Bangladeshi_cuisine#Desserts

VolleyBall & Rose

Md. Yakub Ali Bhuiyan

Director, BTRC.

Volleyball is a wonderful game that I knew how to play at BPATC. I have seen lots of rose at BPATC. Before coming to BPATC I don't know playing Volleyball properly and never seen lots rose at a time. That is why I have written about Volleyball & Rose.

Volleyball is a team game which has six players that play on either side of the net. A set of rules decide the score that each team is able to make against the other team. The game begins with a player from one team throwing the ball using hand or arm over the net so that the opposite team can receive it on their court. The minimum number of players on each side for a game is 4 while the maximum is 6. Indoor and outdoor are two variations of volleyball game. Outdoor volleyball is also played as beach volleyball on the beach. Indoor volleyball has six players in each team while beach volleyball has even two persons in each team. Three team built by We 30 participants of BTRC such as Telecom Tigers, Cyber Warriors and Satellite Eagles. Telecom Tigers wins against Cyber Warriors, Cyber Warriors wins against Satellite Eagles and Satellite Eagles wins against Telecom Tigers. We enjoyed very much to play these game.

Roses have been the most popular choice of flowers for the purpose of gifting across the world. The rose has been a symbol of love, beauty, even war and politics from way back in time. The variety, color and even number of Roses carry symbolic meanings. The Rose is most popularly known as the flower of love, particularly Red Rose. Roses mainly grow on thorny bushes. The reason roses have thorns is to protect the delicate flowers. The rose color can be divided into some colors and their meaning. Everyone like rose flower because rose is a beautiful flower for express someone's feeling and as a gift. The rose colors are red, green, white and yellow. Red rose is a flower which means love, respect, passion and well done. Red rose can also convey thoughts of courage and congratulations. Red rose is symbolized of passion feeling. White rose is a flower which means purity, secrecy, innocence, reverence, loyalty, and worthiness. White roses are the perfect choice for bridal bouquets, corsages and dramatic arrangements. Yellow rose is a flower which means friendship, caring, welcome or welcome back and joy. It is usually used as a gift to your friends when friendship day. These yellow roses may you send to a sick friend, new mothers, someone newly engaged and as colorful thank you. It symbolizes happiness for everybody who accepts these roses. In Summary, Every rose has different meaning of each color and function. The rose is for love, unable to stop loving so that I love you Rose.

বেদনা

সাজেদা পারভীন

তৃষিত নয়ন মেলে দেখি তোমাকে
অন্তর্দহ বেদনায় গুমরে উধি হঠাৎ
ঘন কুয়াশা গগনে দুর্যোগের ঘনঘটা আমার
একা নীরবে নিভতে কাটাই নির্জন প্রহর
অনন্ত দিবা নিশী গুমরে উঠে সে ও আমার
এ বেদনা ভালবাসার, প্রেমের প্রতিশোধের
এ বেদনা রবি ঠাকুর, নজরুল কিংবা শামসুর রাহমানের নয়
এ বেদনা আমার শুধুই আমার ।
তবু কেন আমার জেগে উঠতে চেষ্টা করি
সব বেদনার অবসান ঘটিয়ে
চেয়ে থাকি তৃষিত নয়ন মেলে
তোমার দিকে শুধু তোমার দিকে ।।



“সেই মেয়েটি”

সাজেদা পারভীন

সাধারণ বৈশিষ্ট্যের একটি মেয়ে
নিবু নিবু শ্যামলে,
স্বদেশী প্রাচুর্যতা প্রতিটি অঙ্গে
শুধু প্রখরতা মস্তিস্কে ।
শীতল আমেজ বৃষ্টি বাড়়া মেঘের মত, কারুকার্য
মায়া মায়া আঁখে ধীরতার ধৈর্য্য;
বিশাল ব্যাস্ততার মাঝে
বই তার সাথে ।
চোখে মুখে প্রকৃতির নিঃস্পাপ ছাপ
এসে যায় আমার মনে আলিঙ্গনের পাপ,
ভাবি শুধু, তার কাছে পাব -কিনা
নিঃস্পাপ ললাট ।।

বাতিঘর সমাচার

মোঃ নূরনুবী

অনেক ভোরে ঘুমের ঘোরে
জোরে জোরে হেঁটে
থাকতে হয় উপস্থিত
শরীরচর্চা ক্লাসে ।

লুক আপ অন দি স্কাই
অন টোজ, অন দি হিল ব্যায়ামে
পথ যে হল শুরু
হাঁটা শেষে ইনডোরেতে
সবাই যোগাসনের গুরু ।

কৃত্রিমতার এ নিকষ অমানিশায়
ফিরে পাই সেই শৈশব
যেথায় ছিল হাসি গান আর
আনন্দ বৈভব ।

প্রাণের টানেতে
বারে বার আমি
বিপিএটিসি আসতে চাই
বাতিঘরের দিশায় নাবিক আমি
কূল যে খুঁজে পাই । ।



ছা-পোষা মানুষ ও মুক্তিযুদ্ধ

মোঃ মিরাজুল ইসলাম

আমি আর একটি মুক্তিযুদ্ধ চাই
৭১ এর আশাহত মুক্তিযোদ্ধাদের জন্য ।
আমি আর একটি মুক্তিযুদ্ধ চাই
অভিমानी সেই মুক্তিযোদ্ধাদের জন্য ।
আমি আর একটি মুক্তিযুদ্ধ চাই
আমাদের আত্মোপলক্ষীর জন্য ।

৭১ এর চেতনা আমি ধারণ করতে পারিনি বলে
আমি আর একটি মুক্তিযুদ্ধ চাই ।
আমি শুধু চাই-ই চাই আর একটি মুক্তিযুদ্ধ
কিন্তু পারিনা শুরু করতে ছা-পোষা মানুষ বলে ।
আমি ছুতে পারিনা বঙ্গবন্ধুকে, হতে চাই না জোয়ান অব আর্ক
ছা-পোষা মানুষ বলে, শুধু গুনি অপেক্ষার প্রহর ।

সত্যিকারের একটি শুরু চাই বলে আমি আছি অপেক্ষায়
যেন না হারায় আবার শাহাবাগের ব্যস্ততায় ।
বেশি সময় নেই আর অপেক্ষার
অভিমানীরা একে একে হারিয়ে যাচ্ছে গোধূলী বেলায় ।
ছা-পোষা মানুষ আমি তাই একাই একাই বলি
আমি আর একটি মুক্তিযুদ্ধ চাই ।

বীরাঙ্গনা

চৌধুরী শাহীদ

দেশের জন্য যুদ্ধ করে যারা অমর হল
দেশের সম্বন্ধকে যারা অঙ্গে ধারণ করল
দেশ, মাটি, মা-কে যারা আমাদের করে দিল,
সেইসব যোদ্ধা, সেইসব বীরাঙ্গনা, তোমায় সালাম
বিজয়ের হাসি এনে দিয়ে, তোমরা গরেছ বাংলার ৬৮ হাজার গ্রাম।

দশমাস দশদিন মাতৃ গর্ভে থেকে পৃথিবীতে আসে সন্তান
নয় মাস গর্ভে ধারণ করে তুমি প্রসব করেছ বাংলাদেশ নামের প্রান
বাংলার আকাশে বাতাসে ধ্বনিত হচ্ছে তোমার বিসর্জন
শত শতাব্দীর মাগো তুমি-ই আমাদের শ্রেষ্ঠ অর্জন।

মাগো আমরা তোমার সম্বন্ধে কেনা মুক্তির সন্তান
ও বীরাঙ্গনা, ও মা, ও আমার দেশ মাতা
তোমার জন্য পেয়েছি লাল সবুজের স্বাধীনতা।
বীরাঙ্গনা মাগো দিতে পারিনি তোমায় যোগ্য সম্মান
স্বাধীনতার অনাদিকাল পর্যন্ত তুমি হয়ে থাকবে মহান।
মাগো তুমি ভুলে যেওনা, তুমি অভিমান করোনা
ওই লাল সবুজের জাতীর পতাকায়
তোমার অংশটুকু আমরা কভু ভুলে যাবোনা।

পাশবিক দহনে পোরা তোমার পবিত্র শরীর থেকে হৃদয়
আঘাতে, প্রতিঘাতে, মনুষ্য ওষ্ঠাঘাতে দংশিত তোমার সব প্রত্যয়
লোক লজ্জা, সামাজিক সজ্জা, চোখের কোনে এক চিলতে পানি
ও-মা আমাদের উপর তুমি কখনো হইওনা অভিমানী।
ফিরিয়ে দিতে পারিনি মাগো তোমার অমিমাংসিত যৌবন
তোমার অমিমাংসিত সম্বন্ধ, তোমার অমিমাংসিত শেত সপ্ন
স্বাধীনতার এতোগুলো বছর পরেও মাগো তুমি করে যাচ্ছ আমাদের ধন্য।

ও বীরাঙ্গনা মাগো তোমার প্রাপ্য সম্মান টুকুও আমরা দিতে পারিনি
মা তুমি ক্ষমা করো, মার্জনা করো, রেখো মোদের এইটুকু মিনতি
তোমার অকৃত্রিম ত্যাগেই মাগো পৃথিবীর বুকে আজ আমরা এক স্বাধীন জাতি।
ধর্মণীতে প্রবহমান রক্ত আর বুকের পাজরের মধ্যে মাগো তোমার বসতি,
হয়তো খোলা হয়নি তাতে স্মৃতি বিধৌত কোন নতুন হালখাতা
ও বীরাঙ্গনা, ও অপরাধীতা, ও মা, ও আমাদের দেশ মাতা,
তোমার জন্যই পেয়েছি মোরা পৃথিবীর বুকে লাল সবুজের এক স্বাধীনতা।

পথশিশু

তৌহিদুর নাহার

দুটি নিশ্বাসের ভালবাসায়, যদি একটি জীবন পৃথিবীতে আসে
দুটি নিশ্বাসের মিলনে, যদি একটি জীবন হাসে
তবে কখনো করোনা কোন পথ শিশুকে অবহেলা
তোমার আমার এই জীবন, পৃথিবীর বুকে শুধু ক্ষণিকের মেলা ।

পৃথিবীর মায়া-মমতা আর আপন জনদের অকৃত্রিম ভালবাসায়
তুমি আমি বেচে থাকি বাবা-মায়ের আদর মাখা চিরন্তন ভরসায় ।
পৃথিবীর কোন অধিকার থেকে কখনো বঞ্চিত করোনা তাকে
জীবনের নিয়মে সবাই আসেনা ধরনীতে ঘুরে সাতপাকে ।

মায়া-মমতা প্রেম-ভালবাসা প্রতিনিয়ত আমি-আমরা কতইনা পাচ্ছি
বলতে কি পারবে ওদের দিকে আমরা কখনো একটু সহানুভূতির সুরে তাকাচ্ছি ?
কার ভুলে ওদের ভাগ্যে জুটলনা কোন বাবা-মায়ের আদর সোহাগ কিংবা ভালবাসা
হে সমাজপতি ভালবাসা কি তবে শৃঙ্খলিত জীবনের অবদমিত কোন বিশৃঙ্খল উচ্চাসা ?
কোন অপরাধে কার ভোগ বিলাসে পৃথিবীতে আজ ওরা হয়ে গেল পথশিশু
হে মনুষ্যগোষ্ঠী ফেরাও মুখ, দায় এড়াবার নেই কোন সুযোগ, নেই কোন পথ
জেনে নিও কাঙ্ক্ষিত জবাবের বিপরীতেও নিয়তি কখনই ছাড়বেনা আমাদের পিছু ।

ঈশ্বরকে সুধাতে ইচ্ছে করে প্রকৃতির কোন বিচারে সমাজে ওদের পরিচয়-ওরা পথশিশু
অপার্থিব পৃথিবীর বুকে পার্থিব মায়ার জাল সৃষ্টিকারী -তুমি একবার বলে যাও যিশু ।
দেশ, জাতি, সমাজ খুলে ফেলো তোমার সব ভাজ, ভেঙ্গে ফেলো সব তালা
কোলে তুলে নাও, মায়ার বাধনে জড়াও, অনাবিল সুখের চাঁদরে হারাও
ভালবাসার ধরনীতে থাকবেনা কোন বৈষম্যের বন্দীশালা ।

অশ্রুজল

আফতাব মোঃ রাশেদুল ওয়াদুদ

নিজের জলেই টলমল করে আঁখি,
তাই নিয়ে খুব বিব্রত হয়ে থাকি ।
চেপ্টা করেও রাখতে পারিনা ধরে-
ভয় হয় অহা, এই বুঝি যায় পড়ে ।
এমনিই আছি নদীমাতৃক দেশে,
অশ্রু নদীর সংখ্যা বাড়াবো শেষে?
আমার গঙ্গা আমার চোখেই থাক
আসুক গ্রীষ্ম মাটি-ফাটা বৈশাখ ।
দোষ নেই যদি তখন যায় সে ঝরে,
ততদিন তাকে রাখতেই হবে ধরে ।
সেই লক্ষ্যেই প্রস্তুতি করে সারা,
লুকিয়েছিলাম গোপন অশ্রুধারা ।
মানুষতো নয় চির-সংযমে সাধা,
তাইতো চোখের অশ্রু মানেনা বাঁধা ।
আমার জলেই টলমল করে আঁখি,
তোমার চোখের অশ্রু কোথায় রাখি ।

Export Industries of Bangladesh - Axing Thyself

ঘটনা প্রবাহ - ০১

একসময় বাংলাদেশ থেকে প্রচুর পরিমাণ চিংড়ি বিভিন্ন দেশে রপ্তানি করা হত। প্রচুর উপার্জন, বৈদেশিক মুদ্রার আগমন ... চিংড়ি চাষীদের মুখ ভরা হাসি। অধিক লোভের লালসায় একসময় রপ্তানিকারকরা চিংড়ির ভেতরে টিনের পাত ঢুকানো শুরু করলেন ... কারণ? ... টিনের পাতের ওজন মোট চিংড়ির ওজন বৃদ্ধি করে। অধিক ওজন মানে অধিক মুনাফা, দুই এক বার না ধরতে পারলেও ধীরে ধীরে ঘটনা ধরা পড়তে লাগলো বিদেশী আমদানিকারকদের কাছে। শুরু হলো চিংড়ি রপ্তানির কালো অধ্যায়, গুটিয়ে গেল চিংড়ি বাণিজ্য।

ঘটনা প্রবাহ - ০২

পাট ... বাংলাদেশের সোনালী আঁশ নাম খ্যাত রপ্তানি দ্রব্য। পৃথিবীতে হাতে গোনা গুটিকয়েক দেশের মধ্যে বাংলাদেশের আবহাওয়া হলো একমাত্র অনুকূলে যেখানে প্রচুর পরিমাণে পাট জন্ম নেয়। পাট রপ্তানি করে বাংলাদেশ কত টুকু পরিমাণ বৈদেশিক মুদ্রা উপার্জন করেছে তার কোনো ইয়ত্তা নেই। পাট চাষীদের স্বর্ণযুগ ছিল সেই সময়। জানলে অবাক হবেন, পৃথিবীর বিখ্যাত বি.এম.ডবিউ গাড়ি কোম্পানি একসময় বাংলাদেশ থেকে পাট আমদানি করত। পাটের আঁশ দিয়ে বানানো হত গাড়ির ভেতরের কিছু অংশ (কাপেট, সিট এর নিচের কভার, গাড়ির ছাদ এর পরত ইত্যাদি)।

লাভ এর লালসায় পড়া সেই সময়কার কিছু রপ্তানিকারক পাট এর আঁটি গুলো-কে ভিজিয়ে বালুর সাথে ঘষে দিতেন। ভেজা আঁটিতে সেই বালু লেগে কয়েকগুণ ওজন বেড়ে যেত। বাড়তি ওজন সহ রপ্তানি করা হত আঁশ ভর্তি কন্টেইনার। এবারও বাঙালির রেহাই মিললো না। বি.এম.ডবিউ কোম্পানি প্রচুর পরিমাণ সিলিকা ভর্তি আঁশ এর কন্টেইনার পেতে থাকলো বাংলাদেশ থেকে। ব্যহত হতে থাক তাদের কাজের উৎপাদন। একসময় আমদানি বন্ধ করে ফেরত পাঠিয়ে দেওয়া হলো কন্টেইনার ভর্তি সিলিকা যুক্ত আঁশ। গুটিয়ে যেতে শুরু করলো বাংলাদেশের সোনালী এক অধ্যায়।

ঘটনা প্রবাহ - ০৩

পোশাক শিল্পে স্বল্প মজুরির জন্য বাংলাদেশ বিশ্বে প্রসিদ্ধ। গার্মেন্টস কর্মীরা সর্ব নিম্ন মজুরি পেলেও বিশ্বের নামী দামী ব্র্যান্ডের কাছ থেকে পেমেন্ট পাওয়া শিল্প মালিকদের পোয়াবারো অবস্থা। কারখানা গুলোর দিকে খেয়াল দেয়ার ও সময় নেই, দরকার শুধু উৎপাদন আর উৎপাদন। বিনিময়ে প্রাপ্তি লক্ষ লক্ষ ডলার ... স্পেকট্রাম, তাজরীন, রানা পঞ্জা ট্রাজেডিতে একে একে গত কয়েক বছরে প্রাণ হানি হয়েছে হাজারেরও বেশি গার্মেন্টস কর্মীর। আন্তর্জাতিক বিশ্বে ধীরে ধীরে চাপ সৃষ্টি হচ্ছে নামী দামী ব্র্যান্ডদের প্রতি। কিছুদিন আগে দেখলাম, ক্যালিফোর্নিয়ায় 'গ্যাপ ভবনের' সামনে বিক্ষোভের বৈশ কয়েক জন আমেরিকান, যাদের হাতে প্লকার্ড-এ লেখা "গ্যাপ, নো মোর ডেথ ট্র্যাপ।"

ইতোমধ্যেই জিএসপি সুবিধা বন্ধ হয়ে গেছে যুক্তরাষ্ট্রে। ইউরোপীয় ইউনিয়ন এখনো যদিও মুখ ফিরিয়ে নেয়নি কিন্তু আসছে বছর গুলোতে হয়ত এই সকল ব্যবসায়ীদের লোভ লালসার কারণে গুটিয়ে যাবে বাংলাদেশের রপ্তানিমুখী পোশাক শিল্প। বিশ্বের নামী দামী ব্র্যান্ড তুলে নেবে আমদানির হাত। ধীরে ধীরে ধ্বংস হয়ে যাবে পোশাক শিল্প ... কতিপয় পিশাচে লোভ আর লালসার আগুনে আবারও জলবে পুড়বে আমাদের এই অভাগা জাতি।

We Have Done Us Proud

We've done us proud to come this far,
Down through the years to where we are,
Side by side, hand in hand, we've lived and died,
For this great land, we've done us proud.

I sailed the seas in search of freedom,
I tilled the soil for seed to grow,
I built the fences to hold the cattle,
I mined the earth in search of gas.

I grew the jute of golden fibers,
I formed the union, to win fair pay,
I built the railroad to cross the country,
I fought a war for my country's sake.

(We've done us proud to come this far
Down through the years to where we are
Side by side, hand in hand, we've lived and died,
For this great land, we've done us proud.)

I kept a home and raised a family,
I taught your children as if my own,
I painted pictures to show the beauty,
I wrote the stories to keep the flame.

(We've done us proud to come this far
Down through the years to where we are
Side by side, hand in hand, we've lived and died,
For this great land, we've done us proud.)

(We've done us proud) I worked the factory,
(To come this far) I worked the land,
(Forty three years) I built the houses,
(To where we are) I baked the plan,

(Side by Side) I drive the highway,
(Hand in Hand) I write the wrong,
(We've lived and died) I reach for glory,
(For this great land) I sing the songs,
(We've done us proud).

(To come this far) To come this far,
(Forty three years) Forty three years,
(To where we are) To where we are,
(Side by side) Side by side.

(Hand in Hand) Hand in Hand,
(We've lived and died) We've lived and died,
(For this great land) For this great land.

[Inspired by Songwriter & Composer :: Graeme Connors]
[Notation :: () = chorus]

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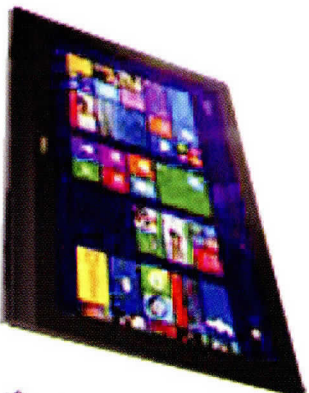
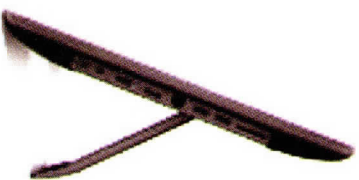
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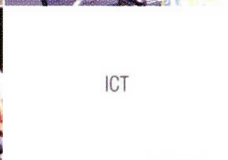
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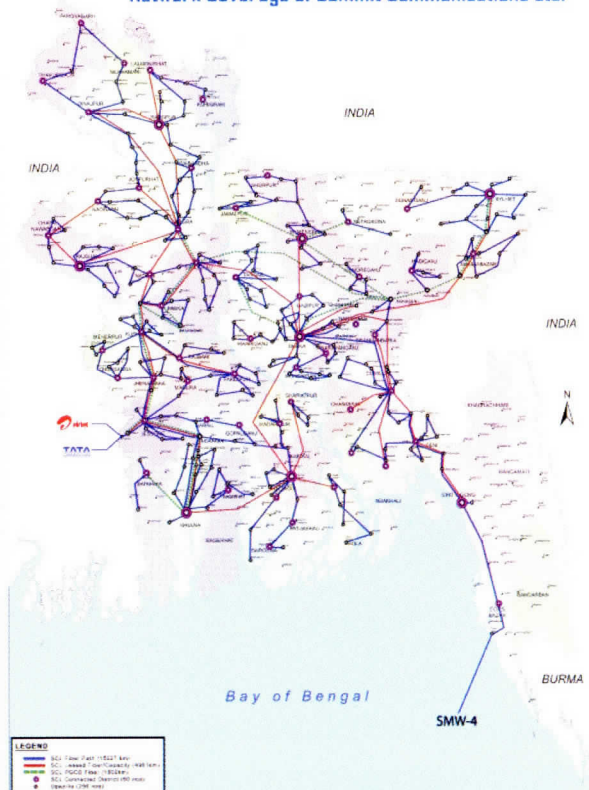
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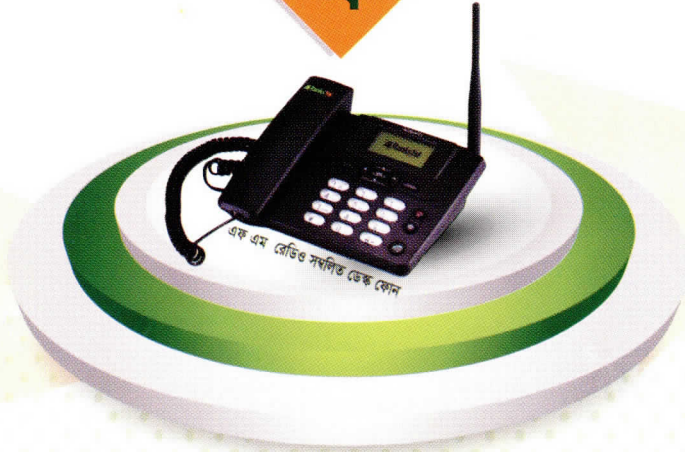
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The Happy Planet Index 2012 ranked **BANGLADESH** 11th among 151 countries



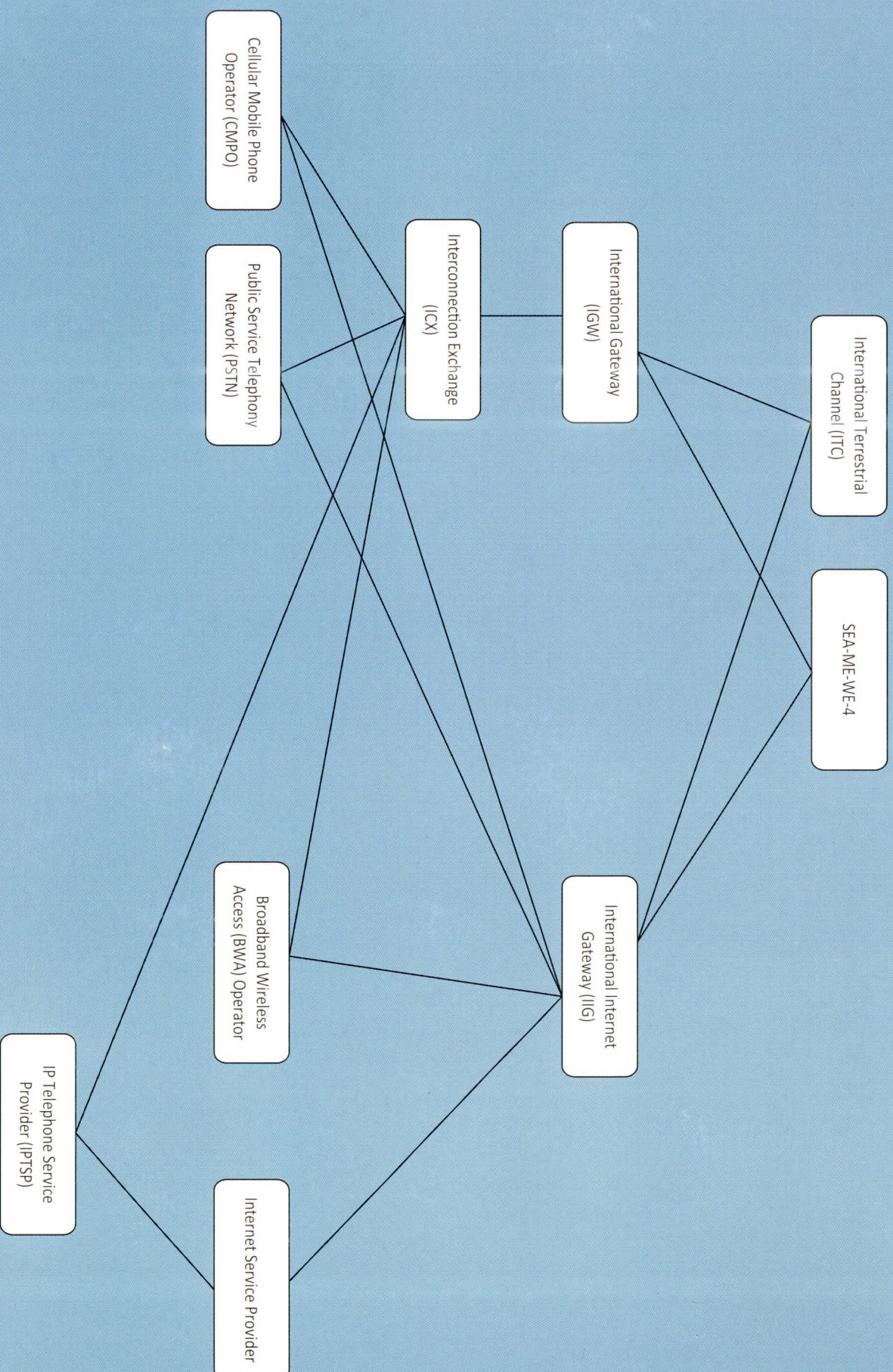
Goldman Sachs recognized Bangladesh as one of the “Next Eleven (N-11)” having strong potential for becoming the worlds largest economies



J.P.Morgan

JP Morgan named Bangladesh as one of the “Frontier Five”- a group of selected emerging countries having promising macroeconomics performance and demographic trends

The Layered Architecture of Bangladesh Telecommunication System













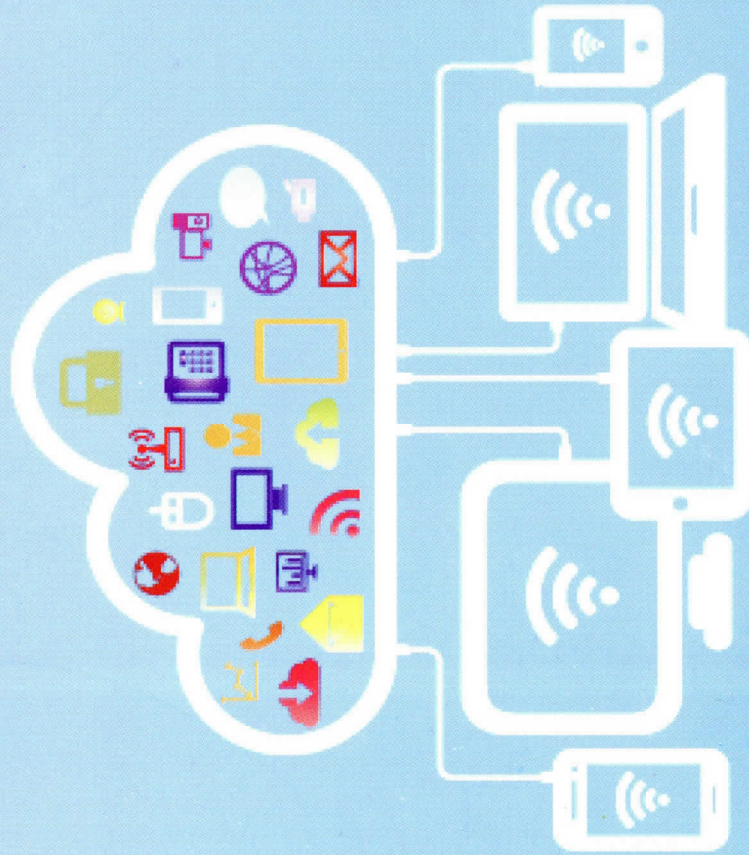












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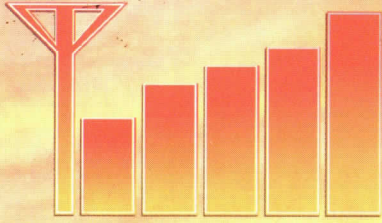
To help them achieve their dreams, Grameenphone
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BRAC is supporting the government to raise the standard of education in these schools

In cooperation: BRAC Gonokendra Programme





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