

আধ্ব পূর্ণ



1st Special Foundation Training Course for BTRC Officials

Bangladesh Public Administration Training Centre
Savar, Dhaka

PROVIDING THE NATION

WITH GLOBAL ACCESS

Mission

One Stop Shopping (OSS) portal with Global End-to-End network Connectivity

Serve the route-diversities & network redundancies out of Bangladesh for reliable international communications with high capacity

Complete End-to-End Packaged Solutions for Customers

Capabilities

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Bangladesh Public administration Training Centre (BAPTC)

At a glance



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 28th April 1984, BPATC has been training the officers of government, autonomous and non-government organizations. Among the courses 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

We are committed to achieve the shared vision through:

- 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.



Aspiring Dreamers :

Md. Zakir Hossain Khan
Md. Ashfaque Ahmed
S. M. Afzal Reza
Mohammad Farhan Alam
Md. Aman Ullah
Selina Parvin
Quazi Rafshan Yeazdani

Special Thanks to :

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Mahreen Ahsan
Mohammad Feroz Mia
Mohammad Ashraful Alam

All advertisement Provider
Date Of Publication; 14 May 2014
Cover & Graphics; Engr. Mahmudur Rahman

Photographers

Belayet Hossain

Printing

Monirampur Printing Press
76/A, Naya Paltan, Mosjid Goli, Dhaka-1000
01716-515360, 01827-267195



মোঃ আবুবকর সিদ্দিক

সচিব

ডাক ও টেলিযোগাযোগ বিভাগ



*M*ESSAGE

I am very glad to know that the participants of 1st Special Foundation Training Course for Bangladesh Telecommunication Regulatory Commission officials at Bangladesh Public Administration Training Centre are going to publish a souvenir at the end of the course.

I believe that this foundation training course will make the participants very competent in their respective arena. I also believe that this special course will enhance knowledge, skill, technique, discipline of the participants and it will create positive attitude to serve the peoples of this country. I hope that this training will develop marvelous interpersonal relations among the officers in BTRC so that they can work in cooperation with each other.

There are three things which are very important for the Public Servants. These are education, experience and training. I think training is very essential element to lead them towards better performance and to the excellent career as well. I wish that the participants of this special course will implement, share and promote their acquired knowledge in their entire career.

I believe that foundation training is not the end but commencement of the long journey in the profession. I wish that this Special Foundation Training course will add new dimension of the participants which will help them to contribute in Telecommunication Sector in Bangladesh.



29.4.2014

Md. Abubakar Siddique



Chairman
Bangladesh Telecommunication
Regulatory Commission (BTRC)



*M*ESSAGE

I am happy to learn that the trainee officers from BTRC of the 1st Special Foundation Training Course are going to publish a souvenir on the eve of their course conclusion. I hope the Souvenir will be a documentation of their sweet memories, brilliant stay and bond with BPATC.

Training programs are an integral part of the Human Resource vision and long term strategic objectives of an organization like ours. An officer will become more efficient, skilled, disciplined and productive if s/he is trained well. The BPATC - country's apex training center of excellence - has been performing superbly in discharging its responsibilities in this regard. BPATC has provided BTRC's participants with a great opportunity to receive a special & customized training, to have a wonderful time and experience. I would like to extend my sincere thanks and gratitude to the Rector of BPATC and to all his colleagues and Course Management in this respect.

I believe that the participants upon completion of the course will not remain the same - it will change their attitude towards positive work values and culture. They will be able to discharge their duties and responsibilities more efficiently with sincerity and dedication. I understand the course will enhance their professional confidence and improve leadership quality. I am confident that the knowledge, skill and expertise they have gained during their fruitful stay in BPATC will also help improve their individual development. In addition, all these attributes will prepare them well to help build the nation and develop the country a better place for all.

I congratulate the participants for their hard work, and for the resultant success, especially to everyone associated with the publication.

I wish the present and future endeavors of the participants - a grand success.

Sunil Kanti Bose

Chairman,
Bangladesh Telecommunication Regulatory Commission.



Rector

Bangladesh Public Administration Training Centre
Savar, Dhaka



*M*ESSAGE

I am very much delighted to learn that the participants of 1st Special Foundation Training Course for BTRC officials at BPATC are going to publish a souvenir as a token of their remembrance. I am sure it will contain images of all participants, their profile and their sweet memories in BPATC. This will be a source of recollections in times of solitude. The BTRC officials are the first batch in BPATC. So, their stay in BPATC will surely be a precious interlude.

Foundation training is very rigorous. Participants have to pass compressing time. Session follows session, lectures, whirled by. It is hard to manage time to do everything. Amid this situation, their initiative to publish a souvenir is encouraging. I appreciate their effort.

I wish all success in their life.

Khandker Md. Iftekhhar Haider



Course Advisor

1st Special Foundation Training Course For BTRC officials.



*M*ESSAGE

This is indeed a matter of immense pleasure and happiness that the participants of 1st Foundation Training Course for BTRC officials are bringing out a souvenir as zeal of sweet memories when their departure is nearing. Amidst the hectic daily sessions, this publication of the souvenir epitomizes their commitment to reflect and to reveal the zesty colourful days spanning over the training period.

I must reckon that the participants have exerted their efforts to bring their best in attaining excellence in all academic issues. A good deal of input was rendered during their training which will mould them into efficient and effective public managers and will instill and infuse in them the true sense of dedication, responsiveness and sacrifice. They had been very diligent and devoted to their training. I firmly believe that this training has been able to cater for the demands of the participants and has successfully erected the foundations through which they will be a real change maker and builders of a golden Bangladesh.

The participants must have taken a lot of pangs to bring the job of publication to its culmination. I hope the souvenir will remain as a memoir of very tough time but an eternal source of inspiration for the participants for their whole professional life.

I wish them all a luminous future.

Banik Gour Sundar

MDS (R & C) &

Course Advisor

1st Special Foundation Training Course

For BTRC officials.



Convener

Publication & ICT Committee.

1st Special Foundation Training Course For BTRC officials.



*I*nstead of preface

"To look backward for a while is to refresh the eye, to restore it, and render it the more fit for its prime function of looking forward."

So, my mind is filled with pleasure & soreness simultaneously on the successful completion of our journey of 1st SFTC for BTRC Officers.

Training refers to acquisition of knowledge, development of skill & change of attitudes positively that increase our competence to work. I wish 1st SFTC for BTRC Officers will be able to build up such competence to work in excellence for the betterment of the nation by maintaining our honesty, sincerity and professional ethics.

I would like to extend thanks to our honorable Rector, Course advisor, Course director, Course Coordinators, and other faculty members for providing us with valuable advice and assistance to make this souvenir a success. My cordial thanks to all of the members of publication & ICT Committee as well as the participants of 1st SFTC for BTRC Officers and I am grateful to those who inspired, helped, gave cooperation for successful publication of this souvenir.

I humbly apologize the inadvertent mistake that may occur in this publication & all the credit goes to the participants of 1st SFTC for BTRC Officers.

May almighty Allah help us to continue our career with sincerity, dedication, honesty & professionalism to serve the country best because we love Bangladesh.

Md. Zakir Hossain Khan



Course Director

1st Special Foundation Training Course For BTRC officials.



Few Words

It is an event of enormous pleasure as director of this course that the participants of 1st Special Foundation Training Course for the BTRC officials are going to make a souvenir as a memento of their beautiful stay at this centre despite their hectic course programs. It is a rudimentary training encompassing basic knowledge, skill and attitude base as needed for the advancement of their career along with a little practice of meditation. Knowledge and skill contents of this human resource development course are so designed as to make them BTRC professionals of this century covering fundamental laws and rules, procurement laws and rules, spectrum management, integrity and cybercrimes along with telecommunication laws and rules, Many dignitaries who are experts on these topics have been invited as guest speakers. Their erudition has added considerable caliber to their career development. Morning exercises and afternoon games were the added glamour which would remain ever green in their minds. I am confident that this training will give them the prestigious stamp of professionalism which will be manifested in their behavior pattern and new life style.

I also hope that this training will make them capacious public servants to build solid communication network of global standard in Bangladesh. I wish them all success in this endeavor and pray to God for their happy long life.

Md. Abdul Hakim

Course Director

1st Special Foundation Training Course for BTRC officials



Khandker Md. Iftexhar Haider
Rector
Bangladesh Public Administration Training Centre

Course Management



Banik Gour Sundar



Md. Abdul Hakim



Dr. SM Zobayer Enamul Karim



Dr. Md. Arafe Zawad

Participants of 1st Special Foundation Training Course for BTRC Officials



Sabina Islam



Mohammad Moshir Rahman



Mahmudur Rahman



Quazi Rafshan Yeazdani



Md. Raisul Islam



Mahreen Ahsan



Md. Zakir Hossin Khan



Md. Ashfaq Ahmed



S. M. Afzal Reza



Shahidur Rahman



Mohammad Farhan Alam



Mohammad Feroz Mia



Md. Mahfuzul Alam



Mohammed Ashraful Alam



K.M. Rezauul Karim



Md. Aman Ullah



Md. Hamidul Islam



Belayet Hossain



Istiaque Arif



Md. Moshir Rahman



Most. Rubina Khatun



Morzina Akhter



Selina Pervin



Arup Barai



Abdullah Al Amin

Souvenir Committee



Md. Zakir Hossin Khan
Convener



Md. Ashfaque Ahmed
Member



S. M. Afzal Reza
Member



Mohammad Farhan Alam
Member



Quazi Rafshan Yeazdani
Member



Md. Aman Ullah
Member



Selina Pervin
Member



Participants with Rector & Course Management

Mess Committee



Souvenir Committee



Cultural Committee



Sports Committee



PROFILE OF THE PARTICIPANTS



Name : Sabina Islam
Father's Name : Md. Serajul Islam
Mother's Name : Nelufar Islam
Designation : Deputy Director
Present office : Bangladesh Telecommunication Regulatory Commission
Joining Date in BTRC : 03/01/2010
Date of Birth : 01/02/1976
Blood Group : A+
Last Educational Qualification : BSc Engineering (EEE), MBA
Present Address : 186/5 Khaza Mension, Tejkuni Para, Dhaka-1215
Permanent Address : H-42, Seroil Doshar Mondal's Morh, Rajshahi
Home District : Rajshahi
Marital Status : Married
Husband's Name : Md. Ziaur Rahman
Special Achievement :
Favorite Personality : Prophet Mohammad (Sm)
Favorite Quotation : It Has become appallingly obvious that our technology has exceeded our humanity.
Hobby : Travelling, Reading Books, Music
Telephone Number (Office & Residence) : +88-02-9611111
Mobile Number : +88-01552202760
E-Mail : Sabina@btrc.gov.bd

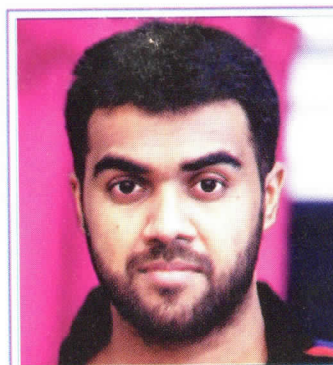


Name : S. M. Afzal Reza
Father's Name : Md. Abdur Razzak Sarkar
Mother's Name : Mst. Asma Khatun
Designation : Assistant Director
Present Office : BTRC, IEB Bhaban, Ramna, Dhaka-1000
Joining Date in BTRC : 01-02-2012
Date of Birth : 30-10-1982
Blood Group : A+
Last Education Qualification : BSc. in Computer Engineering
Present Address : House No: 202/H, Road No: 06, Mohammadi Housing Ltd Mohammadpur, Dhaka-1207
Permanent Address : Vill: Ahammadpur, P.O: Ahammadpur Bazar, P.S: Boraigram, Dist: Natore
Home District : Natore
Marital Status : Married
Spouse's Name : Eva Khanom
Special Achievement : Stood first in general knowledge competition in thana level.
Favorite Personality : Our Prophet Mohammad (May Allah peace be upon him)
Favorite Quotation : Imagination is more important than knowledge
Hobby : Knowing International Politics, Reading magazines, novels, surfing websites and watching movies
Telephone Number (Office & Residence) : +88-02-7162277. Ext-343 (office)
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PROFILE OF THE PARTICIPANTS



Name	: Engr. Md. Mahfuzul Alam
Father's Name	: Dr. Md. Rajab Ali
Mother's Name	: Anjuman Ara Begum
Designation	: Assistant Director
Present office	: BTRC, Dhaka.
Joining Date in BTRC	: 17/10/2011
Date of Birth	: 01/01/ 1979
Blood Group	: A+
Last Educational Qualification	: B.Sc Engineering (EEE)
Present Address	: House no-82/02/A, Indira Road, Farmgate, Dhaka.
Permanent Address	: House no-14/A, Vill-Luxmipur (Jawtala), P.O.-Rajshahi GPO, P.S.- Rajpara, Dist- Rajshahi.
Home District	: Rajshahi
Marital Status	: Married
Husband/Wife's Name	: FarzanaHaque
Special Achievement	: 22th position in SSC Examination with 8 letter marks in Rajshahi Board.
Favorite Personality	: Prophet Hazrat Mohammad (SM)
Favorite Quotation	: Truth relieves a man but lie capsizes him.
Hobby	: Reciting Holy Quranand Travelling various places.
Telephone Number (Office & Residence)	: 0155-2202796
Mobile Number	: 0155-2202796
E-Mail	: mahfuz@btrc.gov.bd



নাম	: Engr. Mahmudur Rahman
পিতার নাম	: A F M Maududur Rahman
মাতার নাম	: Monira Maudud
পদবি	: Assistant Director (Engineering)
বর্তমান কর্মসল	: E&O, BTRC, Ramna, Dhaka
কমিশনে যোগদানের তারিখ	: 14 June 2007
জন্ম তারিখ	: 17 December 1982
রক্তের গ্রুপ	: A+
সর্বশেষ শিক্ষাগত যোগ্যতা	: BSC (Hons) in CSE
বর্তমান ঠিকানা	: 129/6 Ulon, Hatirjheel Road, Rampura, Dhaka
স্থায়ী ঠিকানা	: Binodpur, Rajbari.
নিজ জেলা	: Rajbari
বৈবাহিক অবস্থা	: Married
স্বামী/স্ত্রীর নাম	: Shahnaj Parveen
বিশেষ অর্জন	: N/A
ভবিষ্যৎ ভাবনা	: Be a smart regulator
প্রিয় ব্যক্তিত্ব	: A F M Maududur Rahman (My Father)
প্রিয় উক্তি	: Feel like home
শখ	: Photography
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ই-মেইল	: mahmud@btrc.gov.bd

PROFILE OF THE PARTICIPANTS



Name : Mohammad Moshir Rahman
Father's Name : Mohammad Abu Taleb
Mother's Name : Noorjahan Begum
Designation : Assistant Director, IT
Present office : BTRC
Joining Date in BTRC : 11/06/2007
Date of Birth : 01/01/1980
Blood Group : B(+)
Last Educational Qualification : M.B.A
Present Address : West Agargaon, Dhaka-1207
Permanent Address : C-31, West Rampura, Dhaka-1219
Home District : Dhaka
Marital Status : Married
Husband/Wife's Name : Susmita Haque
Special Achievement :
Favorite Personality : Brian W. Kernighan and Dennis M. Ritchie
Favorite Quotation : Life is colorful
Hobby : Travel
Telephone Number (Office & Residence) : 9611111
Mobile Number : +88 01552202767
E-Mail : moshir@btrc.gov.bd



Name : Quazi Rafshan Yeazdani
Father's Name : Quazi Abul kalam Azad
Mother's Name : Rina Akter
Designation : Assistant Director
Present office : BTRC
Joining Date in BTRC : 08 April 2010
Date of Birth : 7 February 1982
Blood Group : A+
Last Educational Qualification : Bachelor of Engineering (IS)
Present Address : # 17 (Flat-7B) West Nakhapara, Tejgaon, Dhaka-1215
Permanent Address : PO & PS: Tungipara.
Home District : Gopalganj
Marital Status : N/A
Husband/Wife's Name : N/A
Special Achievement : N/A
Favorite Personality : N/A
Favorite Quotation : N/A
Hobby : N/A
Telephone Number (Office & Residence) : N/A
Mobile Number : +8801552202788
E-Mail : qrafshan@btrc.gov.bd

PROFILE OF THE PARTICIPANTS



Name	: Engr. Md. Raisul Islam
Father's Name	: Md. Shafiqul Islam
Mother's Name	: Roxana Shafiq
Designation	: Assistant Director
Present Office	: BTRC, IEB Bhaban, Ramna, Dhaka-1000
Joining Date in BTRC	: 20-08-2008
Date of Birth	: 03-03-1983
Blood Group	: B (+ve)
Last Education Qualification	: MSc. in Communication Engineering (MSCE)
Present Address	: 148/1, East Ulon, West Rampura, Dhaka-1219
Permanent Address	: As Above
Home District	: Dhaka
Marital Status	: Married
Spouse's Name	: Dr. Papiya Rahman
Special Achievement	:
Favorite Personality	: Our Prophet Mohammad (May Allah peace be upon him)
Favorite Quotation	: To be or not to be
Hobby	: Playing Games and watching movies
Telephone Number (Office & Residence)	: +88-02-9611111. Ext-544 (office)
Mobile No.	: +8801552202780
E-mail	: raisul.islam@btrc.gov.bd raisul.btrc@gmail.com



Name	: Mohammad Feroz Mia
Father's Name	: Mohammad Sultan Mia
Mother's Name	: Hosne Ara Begum
Designation	: Assistant Director
Present office	: BTRC, Dhaka
Joining Date in BTRC	: 01/02/2012
Date of Birth	: 04/02/1980
Blood Group	: O+
Last Educational Qualification	: MSS, Dhaka University.
Present Address	: H# 2, R# 2, Block- B, Ward-8, Badaldi, Dhaka-1230
Permanent Address	: Vill: Palash, P.O+P.S-Palash, Dist: Narsingdi
Home District	: Narsingdi
Marital Status	: Married
Husband/Wife's Name	: Summi Arefin
Special Achievement	: Voluntary service award from own locality.
Favorite Personality	: Hazrat Mohammad (SM)
Favorite Quotation	: Respect others then expect it from others.
Hobby	: Traveling, Watching Movies, To Know the Unknown.
Comments on training	: New dimension added to our life.
Telephone Number (Office & Residence)	: 01552202865
Mobile Number	: 01552202865
E-Mail	: feroz@btrc.gov.bd

PROFILE OF THE PARTICIPANTS



Name : Mahreen Ahsan
Father's Name : Moinul Ahsan
Mother's Name : Nadira Ahsan
Designation : Assistant Director
Present office : BTRC
Joining Date in BTRC : 08 April 2010
Date of Birth : 27/06/1986
Blood Group : O+
Last Educational Qualification : Bsc Engineering (EEE)
Present Address : H # 729/A. R # 9, Baitul Aman Housing, Adabor, Mohammadpur, Dhaka
Permanent Address : Abed Manjil, Art Gallery, College Road, Thakurgaon
Home District : Thakurgaon
Marital Status : Single
Husband/Wife's Name : N/A
Special Achievement : N/A
Favorite Personality : Albert Einstein
Favorite Quotation : I Fear the Day That Technology Will Surpass Our Human Interaction
Hobby : Traveling, Singing, Reading something interesting
Telephone Number (Office & Residence) : 88-0 2-9611111, Ext-443
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E-Mail : 1) mahreen@btrc.gov.bd,
 2) ahsan.mahreen@gmail.com



Name : Md. Zakir Hossin Khan
Father's Name : Sultan Ahmed Khan
Mother's Name : Mrs. Anwara Begum
Designation : Assistant Director
Present office : BTRC, Dhaka
Joining Date in BTRC : 01/02/2012
Date of Birth : 02/12/1982
Blood Group : O+
Last Educational Qualification : MS (Water Resource), Dhaka University.
Present Address : 146/1, Green road, Kalabagan, Dhaka, 1205
Permanent Address : Vill: Latifpur, P.O+P.S-Barura, Dist: Comilla
Home District : Comilla
Marital Status : Single
Husband/Wife's Name : Not Applicable
Special Achievement : Blood donation award from BHADHON, D.U
Favorite Personality : My Mother
Favorite Quotation : Every sin has its revenge on this crust.
Hobby : Traveling, Playing Cricket, Info sharing, Organizing.
Comments on training : New thought about life.
Telephone Number (Office & Residence) : 01552202840
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PROFILE OF THE PARTICIPANTS



Name : Md. Ashfaque Ahmed
Father's Name : Md. AbulMonsur
Mother's Name : Mrs. DilrubaMonsur
Designation : Assistant Director
Present office : BTRC
Joining Date in BTRC : 08-02-2012
Date of Birth : 29-12-1984
Blood Group : O (+) ve
Last Educational Qualification : BSc Engineering (Computer Science & Engineering), RUET
Present Address : 1365, East Shewrapara, Mirpur, Dhaka.
Permanent Address : Vill-Lalbag, Post: Dinajpur, Dinajpur
Home District : Dinajpur
Marital Status : Married
Husband/Wife's Name : Nura Ora
Special Achievement :
Favorite Personality : My Father
Favorite Quotation : Know Thyself
Hobby : Watching TV
Telephone Number (Office & Residence) :
Mobile Number : 01552202863
E-Mail : ashfaque@btrc.gov.bd
Feelings at BPATC : Discipline is Life



Name : SHAHIDUR RAHMAN
Father's Name : Golam Mostofa
Mother's Name : Late. Fatema Begum
Designation : Assistant Director(Admin)
Present office : BTRC, IEB Bhaban, Ramna, Dhaka-1000.
Joining Date in BTRC : 03.01.2010
Date of Birth : 01.03.1983
Blood Group : B+
Last Educational Qualification : Masters in Management
Present Address : Fatema Monjil. KA-18/5/B/1, Kurul, Badda, Dhaka-1229.
Permanent Address : Village+Post Office- Borni, Police Station- Tungipara, District-Gopalganj.
Home District : Gopalganj
Marital Status : Married
Husband/Wife's Name : Mrs. Sabrin Akhtar
Special Achievement : N/A
Favorite Personality : Prophet Hazrat Muhammad sm
Favorite Quotation : " Be great in act, as you have been in thought."
Hobby : Stamp and Coin Collection, Listing Music, Watching movie, Playing Cricket and Football.
Telephone Number (Office & Residence) : +8802-9611111,Ext:274
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PROFILE OF THE PARTICIPANTS



Name : Abdullah Al Amin
Father's Name : Md. Abdur Razzak
Mother's Name : Most. Meherun Nesa
Designation : Assistant Director
Present office : IEB Bhaban, Ramna, Dhaka
Joining Date in BTRC : 4th July 2013
Date of Birth : 01-05-1985
Blood Group : AB+
Last Educational Qualification : BSc Engineering in EEE
Present Address : 210, Lucas Morh, Nakhalpara, Dhaka
Permanent Address : Village: Pathakata, P.O.: Chok Pathakata, P.S.: Nakla, Dist.: Sherpur
Home District : Sherpur
Marital Status : Single
Husband/Wife's Name : NA
Special Achievement : NA
Favorite Personality : Dr. Saadat Husain
Favorite Quotation : What's up boy?
Hobby : Watching football on TV
Telephone Number (Office & Residence) : NA
Mobile Number : 01552202894
E-Mail : alamin@btrc.gov.bd



Name : MD. AMAN ULLAH
Father's Name : Md. Raja Mia
Mother's Name : Johura Begum
Designation : Assistant Director
Present office : Legal & Licensing Division, BTRC
Joining Date in BTRC : 26/6/2013
Date of Birth : 09/10/1984
Blood Group : B+
Last Educational Qualification : LL. B. (Hons.) & LL. M. (CU)
Present Address : Segun Bagicha, Dhaka
Permanent Address : Vill: Cheora (South Para), P.O.: Sijara Bazar, P.S.: Nangolkot, Comilla
Home District : Comilla
Marital Status : Single
Husband/Wife's Name : N/A
Special Achievement : Advocate, Supreme Court of Bangladesh
Favorite Personality : Hazarat Mohammad (SM)
Favorite Quotation : Hurt me with Truth but never Satisfy me with Lies
Hobby : Reading books, Watching movies & Travelling
Telephone Number (Office & Residence) : 02-9611111
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PROFILE OF THE PARTICIPANTS



Name : ARUP BARAI

Father's Name : Anukul Chandra Barai

Mother's Name : Unnity Barai

Designation : Assistant Director

Present office : Legal & Licensing Division, BTRC

Joining Date in BTRC : 19/6/2013

Date of Birth : 15/08/1983

Blood Group : A+

Last Educational Qualification : LL. B. (Hons.) & LL. M. (RU)

Present Address : 371, Polas Bag, Rampura, Dhaka.

Permanent Address : Vill: Polita, P.O.:Khalia, P.S.: Rajoir, Madaripur

Home District : Madaripur

Marital Status : Married

Husband/Wife's Name : Bonolota Mujumder

Special Achievement : Advocate, Supreme Court of Bangladesh

Favorite Personality : My Father

Favorite Quotation : Intelligence will never stop being beautiful

Hobby : Living with my family

Telephone Number (Office & Residence) : 02-9611111

Mobile Number : 01552-202879/ 01712579480

E-Mail : arup@btrc.gov.bd/ arupbarai.ru@gmail.com



Name : Selina Pervin

Father's Name : Md.Solaiman Ali

Mother's Name : Mst. Halima Khatun

Designation : Assistant Director

Present office : Systems & Services Division,
BTRC, IEB Bhaban, Ramna, Dhaka.

Joining Date in BTRC : 23-06-2013

Date of Birth : 01-01-1983

Blood Group : B+

Last Educational Qualification : M.Sc

Present Address : 44/G, Indira Road, Dhaka.

Permanent Address : Old Station Road, Nilphamari.

Home District : Nilphamari

Marital Status : Married

Husband/Wife's Name : Md. Najib Islam Sarker

Special Achievement : N/A

Favorite Personality :

Favorite Quotation :

Hobby : Travelling

Telephone Number (Office & Residence) :

Mobile Number : 01552202869

E-Mail : selina@btrc.gov.bd

PROFILE OF THE PARTICIPANTS



Name : Mohammed Ashrafal Alam

Father's Name : Md. Khurshed Alam

Mother's Name : Akhter Jahan Begum

Designation : Assistant Director

Present office : IEB Bhaban (5th, 6th & 7th Floor), Ramna, Dhaka-1000.

Joining Date in BTRC : 01 February, 2012.

Date of Birth : 29 March, 1984

Blood Group : O +

Last Educational Qualification : B. Sc Engg in EEE, CUET.

Present Address : D-5, Lakeshore Apartment, Baw-1/4, South Badda, Gulshan, Dhaka-1212.

Permanent Address : House no - 01, Lane no- 01, Road no - 03, Bashundhara Residential area, North Agrabad, Chittagong.

Home District : Feni

Marital Status : Unmarried

Husband/Wife's Name : N.A

Special Achievement : ---

Favorite Personality : Prophet Hazrat Mohammad (SM.)

Favorite Quotation : Be honest to yourself.

Hobby : Angling

Telephone Number (Office & Residence) : +88029611111, +8801716903167.

Mobile Number : +8801552202754.

E-Mail : ashraf@btrc.gov.bd; rontycuet@yahoo.com.



Name : Mohammad Farhan Alam

Father's Name : A. S. M. Shamsul Alam

Mother's Name : Mohsina Alam

Designation : Assistant Director

Present office : Spectrum Division, BTRC

Joining Date in BTRC : 1st February 2012

Date of Birth : 4th August 1981

Blood Group : B+

Last Educational Qualification : PG Cert in Telecommunication

Present Address : BTRC, Dhaka.

Permanent Address : Dhaka, Bangladesh

Home District : Dhaka

Marital Status : Single

Husband/Wife's Name : N A

Special Achievement : N A

Favorite Personality : Hazrat Muhammad Sallallahu Alaihi Wasallam

Favorite Quotation : "A man who won't die for something is not fit to live."
- Martin Luther King Jr.

Hobby : Reading

Telephone Number (Office & Residence) : 9554479

Mobile Number : 01552202847

E-Mail : farhan@btrc.gov.bd

PROFILE OF THE PARTICIPANTS



Name : Belayet Hossain

Father's Name : Abdul Kader

Mother's Name : Halima Khatun

Designation : Assistant Director

Present office : IEB Bhabon, Ramna, Dhaka.

Joining Date in BTRC : 26 June 2013

Date of Birth : 17 June 1985

Blood Group : O (+ve)

Last Educational Qualification : B. Sc in Computer Science & Engineering

Present Address : 86/2A, Monasher Road, Jijatola, Dhanmondi, Dhaka.

Permanent Address : Vill: Khayagoan, P.O: Shologhar P.S: Sreenagar Dist:Munshigonj.

Home District : Munshigonj

Marital Status : Single

Husband/Wife's Name : N/A

Special Achievement : N/A

Favorite Personality : Prophet Muhammad (pbuh)

Favorite Quotation : I am Nothing but Everything is for me.

Hobby : Playing.

Telephone Number (Office & Residence) :

Mobile Number : 01552202880

E-Mail : belayet@btrc.gov.bd



Name : Md. Moshir Rahman

Father's Name : Md. Jalal Uddin

Mother's Name : Mrs. Sheuly Rahman

Designation : Assistant Director (Administration)

Present office : BTRC.

Joining Date in BTRC : 20-06-2013.

Date of Birth : 02-02-1985.

Blood Group : O (+)ve

Last Educational Qualification : MBA (From IBA, RU)

Present Address : D/76, Road No-4 Mohanagar project, Rampura, Dhaka.

Permanent Address : B.K. Road, Choto Shalgaria, Pabna

Home District : Pabna.

Marital Status : Single.

Husband/Wife's Name : N/A

Special Achievement : N/A

Favorite Personality : N/A

Favorite Quotation : Don't forget your past.

Hobby : Reading Novel.

Telephone Number (Office & Residence) :

Mobile Number : 01550080201

E-Mail : mrahman@btrc.gov.bd

PROFILE OF THE PARTICIPANTS



Name : MD. HAMIDUL ISLAM
Father's Name : SK. EMDADUL HAQUE
Mother's Name : SK. SURAYA YEASMIN
Designation : ASSISTANT DIRECTOR
Present office : RAMNA, DHAKA
Joining Date in BTRC : 20-JUN-2013
Date of Birth : 01-JAN-1989
Blood Group : A+
Last Educational Qualification : B.SC IN EEE
Present Address : 34/A, MIRPUR-12, PALLABI, DHAKA.
Permanent Address : Vill: Chardaulatpur,
 PO: Mokimpur, TH: Lohagora, DIST: Narail.
Home District : NARAIL.
Marital Status : SINGLE.
Special Achievement : NA
Favorite Personality : Mother.
Favorite Quotation : "If they can't accept you at your worst, they don't
 deserve you at your best."
Hobby : Watching Movie.
Telephone Number (Office & Residence) : +8802-9611111
Mobile Number : +8801552202885
E-Mail : hamid@btrc.gov.bd



Name : Istiaque Arif
Father's Name : Late Md. Farhad Ali
Mother's Name : Rukhsana Begum
Designation : Assistant Director
Present office : IEB Bhabon, Ramna, Dhaka.
Joining Date in BTRC : 1 July, 2013
Date of Birth : 30 December, 1988
Blood Group : B+
Last Educational Qualification : BSc in electrical & electronic engineering from KUET
Present Address : 19/5, primary school road, Kallyanpur, Dhaka.
Permanent Address : H # 277, R # 0 7, mulatol, Rangpur.
Home District : Rangpur.
Marital Status : single
Husband/Wife's Name : N/A
Special Achievement :
Favorite Personality : Prophet Mohammad (Pbuh)
Favorite Quotation : "Actions are according to intentions, and everyone will get
 what was intended." (Bukhari & Muslim)
Hobby : Games & Hangout
Telephone Number (Office & Residence) :
Mobile Number : 01552202870
E-Mail : arif@btrc.gov.bd

PROFILE OF THE PARTICIPANTS



Name	: Morzina Akhter
Father's Name	: Md.Mozammel Haque
Mother's Name	: Mrs. Afrin Ara Begum
Designation	: Assistant Director
Present office	: BTRC
Joining Date in BTRC	: 03-07-2013
Date of Birth	: 17.05.1983
Blood Group	: AB+
Last Educational Qualification	: LL.M
Permanent Address	: Masimpur, Pirojpur.
Home District	: Pirojpur
Marital Status	: Married
Husband/Wife's Name	: Md. Mijanur Rahman
Special Achievement	: N/A
Favorite Personality	: My Mother
Favorite Quotation	: Honesty is the key to success.
Hobby	: Travelling
Telephone Number (Office & Residence)	: N/A
Mobile Number	: 01552202878
E-Mail	: morzina@btrc.gov.bd



Name	: Most. Rubina Khatun
Father's Name	: Md. Basir Uddin PK
Mother's Name	: Most. Khadiza Begum
Designation	: Assistant Director
Present office	: BTRC,Ramna,Dhaka-1000
Joining Date in BTRC	: 16 June, 2013
Date of Birth	: 17 November, 1984
Blood Group	: B+
Last Educational Qualification	: B.sc in Computer Science and Engineering.
Present Address	: House # 02, road # 20, Block-D, Mirpur, Dhaka
Permanent Address	: Vill. Beprobeldharia, P.O. Boddobeldharia, P.S. Natore, dist. Natore.
Home District	: Natore.
Marital Status	: Married
Special Achievement	: N/A
Favorite Personality	: Father.
Favorite Quotation	: "Never judge anyone because you never know how their life is and in what situation they are going through"
Hobby	: Reading book and Listening music.
Telephone Number (Office & Residence)	: +8802-9611111
Mobile Number	: +8801552202859
E-Mail	: rubina@btrc.gov.bd

PROFILE OF THE PARTICIPANTS



Name	: K.M Rezaul karim
Father's Name	: Mohammad Abdul Quddus Khan
Mother's Name	: Mrs. Salma Begum
Designation	: Assistant Director (Finance)
Present office	: BTRC.
Joining Date in BTRC	: 18-06-2013.
Date of Birth	: 26-11-1985.
Blood Group	: A (+)ve
Last Educational Qualification	: M.B.S (From NU)
Present Address	: 222/C Malibagh, Dhaka-1217
Permanent Address	: Natun Banghabari, Sirajgonj-6700
Home District	: Sirajgonj
Marital Status	: Single.
Husband/Wife's Name	: N/A
Favorite Quotation	: Don't forget your past.
Hobby	: To Communicate With my Relative & Friends
Telephone Number (Office & Residence) :	
Mobile Number	: 01552202872
E-Mail	: Karim@btrc.gov.bd



Spice Girls of BPTAC

Autographs

W. L. W.

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W. L. W.

S. M. A. L.

W. L. W.

Mr. J. L. W.

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The Study of Science is Losing its Appeal

Sabina Islam

The importance of science and technology in national development cannot be overstated. It is a known fact that no nation can develop without science and technology. What is science and technology? Science is the study of knowledge which can be made into a system and which depends on seeing and testing facts while technology is the practical application of scientific knowledge. Developed nations of the world like the America, Germany, France etc. boast of several scientific inventions which make them to be rated as the world powers. Science and technology is the pivot of any nation's development.

Modern gadgets in all aspects of human comfort are inventions of science and technology. Electricity, aircraft, telephone, television, computers and other forms of machinery could not have been invented without science and technology. Science and technology is also very essential in the production of medicine and treatment of diseases. A nation which lacks the necessary science and technology in this area will have to depend on other developed nations for the existence of its people. Such a nation cannot be said to be independent because it has to depend on the whim and caprices of other nations with the necessary science and technology. A strong and virile nation is a nation with adequate technology to make its people comfortable. A nation without science and technology cannot feed its people because agriculture requires the application of science and technology. That is why every nation must take science and technology very seriously in all institutions of learning. Implementation of science and technology will not be possible without proper science education.

Recently it is found that in our country the study of science is losing its appeal in an alarming shift of choice. Enrolment for science studies shows a sharp decline over the past few years and quality of science education also took a slide during the same time with an evident lack of quality teachers. Our country has no alternative to use science education as a tool for improving the living standards of the people and for dealing with the economic and environmental challenges it faces. Weak curriculum and textbooks, weak teaching and assessment methods, lack of properly trained teachers and laboratory facilities, poor salaries of the teachers and students' sliding interest are pointed out to be some of the main reasons for qualitative and quantitative decline of science education. Students need private coaching to study science, which is expensive and affordable only to the affluent. Only a small fraction of students get the chance to study medicine and engineering or even to study at universities. Also after completing study there are not enough opportunities for the science students to get a suitable job in the field of their study.

On the other hand rapid expansion of job opportunities for commerce subjects is the key reason for keeping students away from science studies. There is a global trend towards commerce education but there are many other reasons that are discouraging students from taking science. In the name of globalization, multinational industries are penetrating into the country with their products for which people are acting as agents or salesperson only. This has possibly increased the interest of studying business-oriented courses. Even the best students of the country with good skill in physics, chemistry and mathematics are opting for business oriented courses that probably will never challenge their analytical skill. NGO's, UN and other international organizations, working in the country with the agenda of developing various aspects of the country, are looking for graduates in fields other than science and engineering. Beside this business students are highly paid than the science students. All these situations are also demotivating the students to study science.

Now it is the high time for Government to take some initiative for motivating people and grow interest among them to study science. First of all the science course and curriculum should be modernized. Properly equipped laboratories and use of ICTs and internet are prerequisite to raise the quality of science education. Besides simplification of science textbooks, raising teachers' salaries and

motivating science graduates to become teachers, introduction of a terrestrial television channel dedicated to broadcasting educational programmers would help both teachers and students by reducing the latter's dependence on private coaching centers and thus save a huge cost. Now a day's teaching is not a respectable profession anymore. To attract science graduates to the teaching profession, Government need to formulate a policy that will ensure jobs for them with handsome salaries. On the other hand there should be scholarships for young faculty members for higher studies and research and making science compulsory at the secondary level. Financial incentives for teachers and students besides competitions and festivals for physics, chemistry, biology like the Math Olympiad and recognition of the top performers are also needed. Our industries should be linked up with universities and seek help to solve their problems. This will provide opportunities to the students to apply their knowledge in the real world, get practical experiences and be prepared for their preferred job. More science research should be encouraged and it should be done in attachment with the industries. If students are given place to apply their acquired knowledge then they will be interested to study science.

আজি এ ক্ষনে

মোহাম্মদ ফিরুজ মিয়া

সহকারী পরিচালক

অর্থ, হিসাব ও রাজস্ব বিভাগ

আজি এ ক্ষনে আমি পিএটিসিতে
নতুন জীবনধারা বইছে প্রানে,
কত রাত কাটিয়েছি ছবি দেখে
কত রাত ভোর হল জ্ঞান আহরনে,
কত না রজনী গেল বন্ধুর আড্ডায়
জীবন ছিল এক ভিন্ন মাত্রায়।

কিন্তু সেই আমি আজ এক অন্য আমি
রুটিনের গ্যাডাকলে সৈনিক আমি,
পাগলা ঘন্টির হুংকারে হস্তদন্ত আমি
হিতাহিত জ্ঞানশূণ্য অন্তর্মুখী এ আমি।

কত দিন গেল, কত মাস গেল, কত বছর পেরিয়ে যুগ,
গুনিবিকো আমি এ ধ্বনি কোথাও এতটা বিকট রূপ
বাথরুম সেরে পিটি পোষাকে দীর্ঘশ্বাসে দৌড়
পাছে দেরি হয় একটা সেকেন্ড, হয়ে যাই আমি মূঢ়
ঘন্টাব্যাপী প্যারেড শেষে ফিরে যাই নিজ রুমে
মন যেন চায় সারাদিন কাটাই দীর্ঘ এক ঘুমে
বিধি বাম তাতে, হল না পূরন, ছুটে যাই খাবার ঘরে,
নাস্তা শেষে উর্ধ্বশ্বাসে চলে যাই ক্লাস রুমে।

কত বিদগ্ধ জ্ঞানী-গুনী, জ্ঞান করে বিতরন
সারাদিন ব্যাপী জ্ঞানস্রোতে হয়, সেকি আবহন,
মধ্যখানে টি ব্রেক আর লাঞ্চ ব্রেকের সময়টাতে
ছোট খাটো খুঁনসুটি আর মজার মধ্যে কাটে
এমনি করে সারাদিন শেষে বিকাল যখন আসে
খেলোয়াড় বেশে ছুটে যাই মোরা পিএটিসির মাঠে,
পশ্চিমাকাশে সূর্য যখন খানিক হেলে পড়ে
মশিউর স্যারের বিষের বাঁশি মোদের টেনে তোলে
অতপর চা চক্র আর খানিক বিশ্রামের পরে
ছুটে যাই মোরা পুনরায় রাতের খাবারের তরে,
এমনি করে সকাল থেকে রাত অবধি চলে
ঘড়ির কাটায় জীবন মোদের বেঁধে ফেলেছি বলে

Inauguration Ceremony



Welcome Banner



Gusets comming towards ceremony hall



Cordial discussion of guests



Honorable Secretary PTD's speech



Honorable Rector's speech



Reception of chief guest by Rector sir



Partial view of participants

চলো বাংলাদেশ

ভবিষ্যত প্রজন্মের কাছে সম্ভাবনার আলো পৌঁছে দেয় গ্রামীণফোনের নেটওয়ার্ক



চলো বহুদূর

ইউনৈটেড আর প্রিজি নিম্নে
৪.৭ কোটি গ্রাহকের
সেই নেটওয়ার্ক
আজ আরো শক্তিশালী।



Telecommunication in Bangladesh & BTRC

Bangladesh is Located in the north-eastern part of South Asia. It is bordered by India to its west, north and east, by Burma to its south-east and by the Bay of Bengal to its south. It is separated from Nepal and Bhutan by the narrow Chicken's Neck. Bangladesh has the world's eighth-largest population with more than 160 million people, also making it one of countries. Bangladesh offers many tourist attractions, including archaeological sites, historical mosques and monuments, longest natural beach in the world, picturesque landscape, hill forests and wildlife, rolling tea gardens and tribes. Tourists find the rich flora and fauna and colorful tribal life very enchanting. Each part of the country offers distinctly different topography, flavors and food. It is home to the Royal Bengal Tigers, freshwater pink dolphins, historical temples made of red earth.

History of Bangladesh Telecommunication is The Telegraph branch under the Posts and Telegraph Department was created in 1853 in the British India and then it was regulated afterwards under the Telegraph Act-1885. The Telegraph branch was reconstructed in 1962 by East Pakistan as Pakistan Telegraph and Telephone Department. In 1971, after the independence of Bangladesh, Bangladesh Telegraph and Telephone Department was set up under the Ministry of Posts and Telecommunications. This was converted into a corporate body named 'Telegraph and Telephone Board' by promulgation of Telegraph and Telephone Board Ordinance, 1975. In pursuance of an ordinance of 1979, Telegraph and Telephone Board was converted into Bangladesh Telegraph and Telephone Board (BTTB). In 1981 Digital Telex Exchange establish in Bangladesh. To operate the exchanges in 200 upazilla Bangladesh Rural Telecom Authority got license in 1989. After that at first in Bangladesh cellular mobile phone company Pacific Bangladesh Telephone Limited got license. Card Telephone service introduced in 1995 Bangladesh by BTTB and Telephone Shilpo Songssha (TSS). In 1995 Regulatory power of BTTB transferred to Ministry of Post & Telecommunication (MoPT). GrameenPhone and Telecom Malaysia International Bangladesh present brand name ROBI got cellular mobile Telephone license in 1996. National Telecommunication Policy was introduced at 1998 for a vision with "to facilitate Universal Telephone Service throughout the country and where there is a demand, all those value added services such as cellular mobile telephone paging, data services, access to Internet (including electronic mail), Voice mail and video conferencing - all at an affordable cost without compromising performance"

In order to facilitate a quick and stable socio-economic development and to provide a dependable telecommunication services, Bangladesh Telecommunication Regulatory Commission (BTRC) were formed on 31st January of 2002, under the Bangladesh Telecommunication Regulatory Act 2001. BTRC vision is "Facilitate Connecting the unconnected through quality telecommunication services at an affordable price by introducing new technologies". To achieve that vision BTRC is working as a Catalyst to expedite the Telecom sector in Bangladesh.

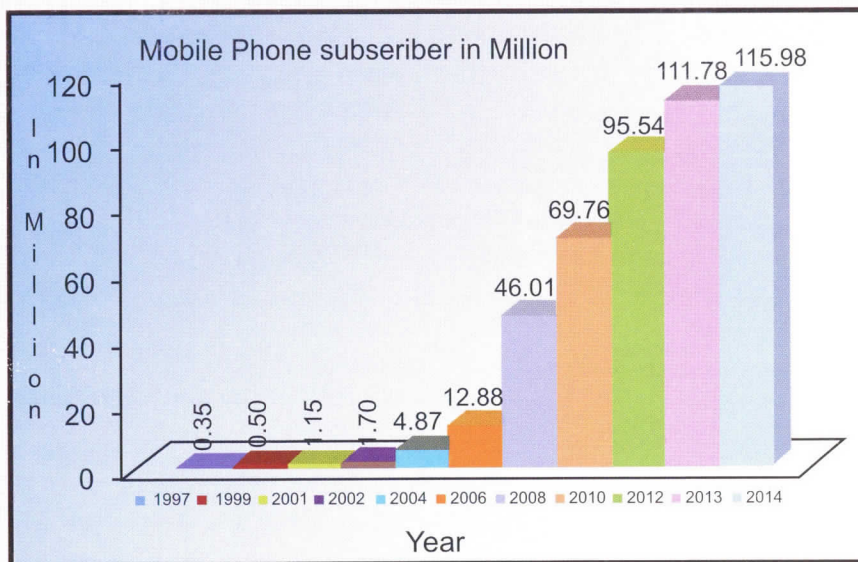
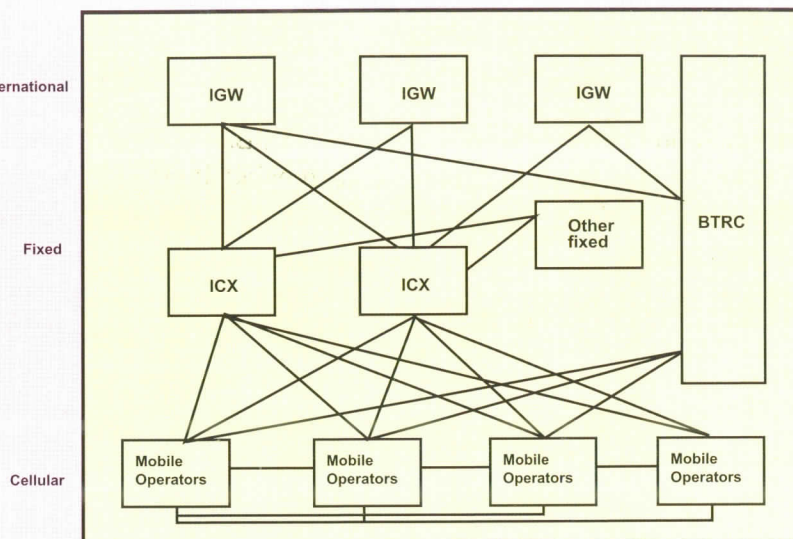
As defined in the National Telecommunications Policy 1998 and International Long Distance Telecommunications Services (ILDTS) Policy 2007, all mobile operators is to interconnect through Interconnection Exchange (ICX) and all international calls to be handled by International Gateway (IGW) which is to be connected to the mobile and fixed operators through the ICXs.

The Interconnection Exchange (ICX) will receive all calls from the mobile and fixed operators whenever the call is made to other network and will pass it to the destination network if the call is local, and will pass to the IGWs if the call is international. ICX will also deliver calls received from IGWs where the call is destined.

Telecom Network Topology of Bangladesh:

In 1997 it was only in 3 District coverage but at now a day after establishment of BTRC it is near about 99% of all population and 98% of Geographical area of the country has covered under the Present Telecommunication Network. BTRC has launched about 1885 license in various categories. Among them 58 Voice operators, 296 Value added service providers, 486 data service providers and 1045 Gateway service providers.

In the year of 1997 the mobile phone subscriber was only 0.35 million but after establishment of BTRC it grows in enormous rate. At present mobile phone subscriber is 115.98 million which penetration is about 74%. But compare with voice subscriber growth Data subscriber growth is low. In the year of 1997 data subscriber was only 40 thousand but now a time it increase at 36.86 million. Although 95% of it is mobile internet and other is Fixed, PSTN and WiMax internet. BTRC provides a plenty of revenue to the Government. In the last financial year the amount was about 5,404 Crore Taka. It is hard to believe that the people our country spend huge money on mobile. Average 2 Crore minute daily exchange domestic call and about 50 million averages international incoming calls are execute by the Non Resident Bangladeshis.

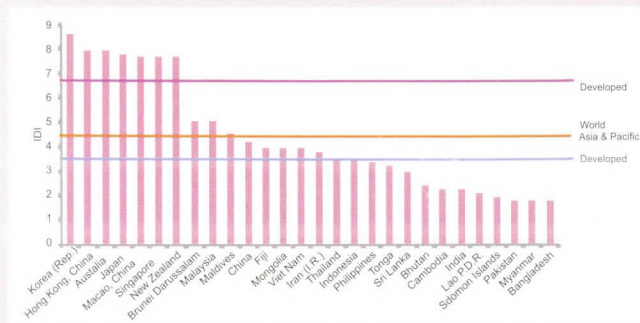


Daily SMS received and sending no also enormous. But our broad band data subscriber is not in a big figure. It is approximate 1.5 million. BTRC always make a level playing field for the stake holders. Mobile Telecommunication sector is one of the largest sectors which have attracted highest volume of Foreign Direct Investment (FDI). If the journey of the sector continues then there will be more investment in this sector from abroad. It can assume that

there is a strong relationship between Economic growth and FDI because large inflow of foreign Investment ensures a sustainable growth in the Economy. Mobile Telecom Industry is the is the largest contributor to FDI for Government of Bangladesh. In 2001 the contribution was only 0.9% but in 2010 it increased to 60.4%. Broad band especially the mobile broadband which is an enabler of Digital Bangladesh which can be achieved by various technologies.

Foreign view about Bangladesh: Bangladesh climbed four places to 135th in the ICT Development Index (IDI) 2012. In particular, mobile-cellular telephone penetration raised from 56 per cent in 2011 to 64 per cent in 2012. Bangladesh has a highly competitive mobile market, with six mobile cellular operators. The ICT Price Basket shows that Bangladesh has relatively affordable mobile-cellular prices and that price has dropped consistently over the past years. Operators in Bangladesh are competing for a large group of low-income customers and were thus obliged to reduce access costs.

Chart 2.13: IDI values compared with the global, regional and developing/developed-country averages. Asia and the Pacific, 2012



Source: ITU

Change in IDI ranking		
IDI rank 2012	Country	IDI rank change
33	United Arab Emirates	12
52	Lebanon	9
29	Barbados	7
64	Seychelles	6
41	Belarus	5
60	Costa Rica	5
85	Mongolia	5
132	Zambia	5
11/135	Australia/ Bangladesh	4*
54/415	Oman/Zimba bwe	4*

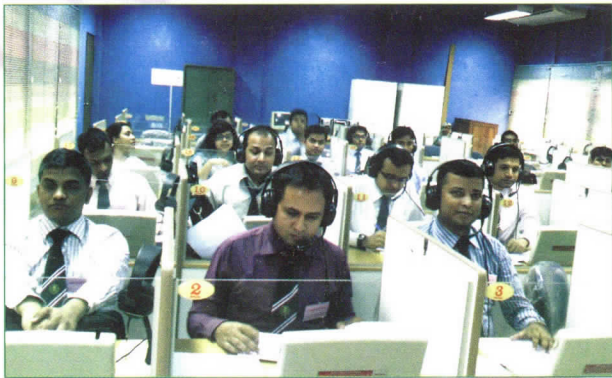
Australia, Bangladesh, Oman and Zimbabwe all went up four places in the IDI rankings between 2011 and 2012 (Source: ITU MIS Report 2013). Three countries from the Asia and the Pacific region - Australia, Bangladesh and Mongolia - are among the most dynamic in the 2012 IDI. Bangladesh made most progress in the access sub-index, in particular with regard to mobile-cellular penetration and international Internet connectivity. Nonetheless, Bangladesh still remains at the bottom of the regional ranking and in 135th position globally.

A significant amount of Government revenue earned from the Telecom sector. Government is intended to support the industry through various means and trying to relax the tax burden on this Industry. Recently the SIM tax has removed significantly which will contribute to faster telecommunication growth. To ensure the Broad band connectivity to the union level, BTRC has taken various measurements including awarding of 3G Technology license which will provide high speed Internet. Because more connectivity will have a positive effect on GDP. Convergence of Telecommunication and ICT would bring a better result for our country and eradicates many roadblocks.

Md.Ashfaque Ahmed

Assistant Director, E&O, BTRC

Participant's at class session



English language class



পিপিলিকা পিপিলিকা কোথায় যাও...



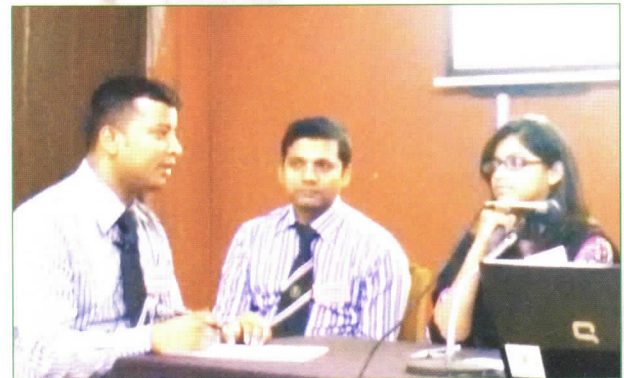
Attentive participants



Legal issue is a obvious factor



They are tensed with their assignment



Interview for recruitment



When class room as a dining hall



দুই দিকে দুই নৌকা ভাসাই...

Guest Lecturer



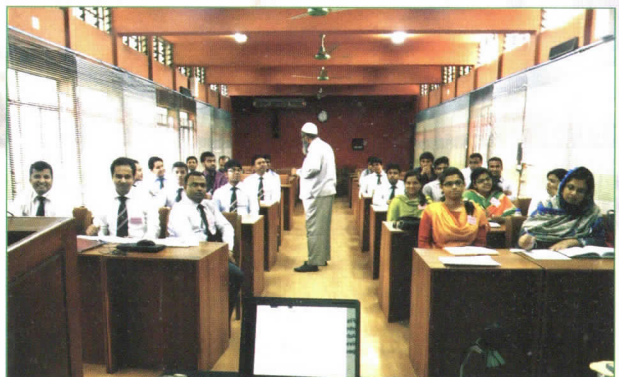
Session with N. I. Khan Sir



Dr. Pran Gopal Datta Sir



Mohammad Ahdul Wazed Sir



Prof. Nurul Islam Sir



Mustafa Jabbar Sir



Session with MDS Madam



Mollick Sudhi Chandra Sir



Md. Abubakar Siddique Sir

BTRC's role in Spectrum Management in Bangladesh basing on international practices

S. M. Afzal Reza

Assistant Director

Spectrum means aggression of frequencies in different bands. Spectrum is very limited national resources. Thus regulator is very tactical and strategic in using this finite resource. The wireless board of BTTB (Currently serving as BTCL) was responsible in allocating, assigning and cancelling spectrum in favor of different organizations. After formation of BTRC on the basis of Bangladesh Telecommunication Act-2001, this authority came to BTRC. From the inception of BTRC, radio spectrum has been assigned in favor of many organizations very tactfully basing on the international best practices. International Telecommunication Union (ITU), a United Nation's organization is trying to promote different organizations in wireless sector by providing advices, supports and regulations to the Telecom Regulators. Indeed, they are the pioneer in Telecom Sector and if this organization could not specify different bands for different services, stakeholders in this field and countries would face anomalies. According to ITU, there are three regions in the world and we are in the region three. ITU made Radio Regulations which is called the Bible of Spectrum Management. Radio Regulations are revised after certain years basing on the work papers, researches related to this. BTRC has made National Frequency Allocation Plan (NFAP) basing on Radio Regulations. Thus, spectrums are defined in accordance with different services. The National Frequency Allocation Plan (NFAP) is a key to spectrum resource management; it identifies the distribution of spectrum between stake holders, government and non-government, as well as providing an indication of the manner in which the radio frequency spectrum is utilized in Bangladesh. At present it defines 9 KHz to 300 GHz radio spectrum. The main objectives of spectrum management are as follows:

- ☛ To allow the development of new services to meet customer and governmental demand for radio services,
- ☛ To manage the radio spectrum within Bangladesh taking account of governmental requirements and the needs of the various commercial sectors,
- ☛ To harmonize spectrum use with international developments (ITU, APT),
- ☛ To enable liberalization of, and competition for, telecommunications (including radio communications) services and equipment,
- ☛ To enable the realization of public policy objectives on safety (including emergency services), cultural (including broadcasting) and social issues,
- ☛ To stimulate technological innovation and competitiveness,
- ☛ To support economic growth, create employment and to promote general welfare,
- ☛ To support national security and governmental applications.

Services in Bangladesh related to Spectrum Management

BTRC is regulating different organizations who are being assigned spectrums in different bands. Those organizations are using spectrum for different services. Those major services are given below:

1. Cellular/Mobile services
2. Broadband Wireless Access (BWA)
3. Public Mobile Radio (PMR)
4. Internet Service Provider (ISP)

5. Broadcasting services
6. Amateur Radio Services
7. Public Switched Telephone Network (PSTN)
8. Very Small Aperture Terminal (VSAT)
9. Aeronautical Radio Service
10. Amateur Radio Services
11. ISM Radio Services

Very brief descriptions related to the above services are given below:

Broadcasting:

FM Radio Broadcasting:

The permissions of FM radio broadcasting are given from the Ministry of Information. According to National Frequency Allocation Plan (NFAP) spectrum are being assigned for FM radio broadcasting from 87.5-108 MHz band. Till 2012 twelve organizations had been assigned spectrum for FM radio broadcasting.

Community Radio Broadcasting:

Bangladesh government has passed community radio installment, transmission and operation guideline-2008 to give the information service to the specific region's population. For that 14 organizations have been given licenses of community radio. According to NFAP 87.5-108 MHz is allocated for this service. The spectrums in favor of 14 organizations are assigned. A plan has been taken to cover whole Bangladesh by three spectrums which are 98.40 MHz, 98.80 MHz and 99.20 MHz

Satellite Television Broadcasting:

The license of satellite television broadcasting is given from the Ministry of Information. Spectrum is assigned from BTRC to those operators who have license to establish TV station. So far 28 (twenty eight) satellite television channels have been assigned spectrum from BTRC. These television channels are using 6, 9 or 12MHz uplink frequency from 5.85-6.425 GHz band. Only Bangladesh Television has privilege to broadcast terrestrially.

Cellular Mobile Service:

According to national frequency allocation plan spectrums of 900 MHz, 1800 MHz and EGSM band are assigned for second generation mobile service. At present five operators are giving second generation mobile service by GSM technology. In 2013, 3G licenses had been awarded to four operators through spectrum auction. Spectrum had been auctioned from 2.1 GHz band. It is to be mentioned that spectrum from CDMA-800MHz band had been assigned in favor of Citycell and this operator had not take part 3G auction

PSTN Service

During the year 2004 - 05, 15 companies have been awarded PSTN operator's license to make available fixed phone service at the door step of the people beside cellular mobile phone services. Frequencies allotted to the operators were from CDMA 800 and 1900 MHz band. Currently, other than state owned PSTN operator BTCL and one private operator RanksTel, others do not have much activities.

Broadband Wireless Access

Three organizations had been given BWA licences. Spectrum from 2.3 GHz and 2.5 GHz band had been assigned in favor of those organizations. This service has inevitable contribution in internet penetration in Bangladesh.

ISP services

There are two types of ISP. They are wired and wireless. Seventeen organizations had been assigned spectrum from 2.3 GHz, 3.5 GHz and 5.6 GHz band. Except it, spectrum are assigned from 2.4 GHz and 5.7 GHz band.

Public Mobile Radio Service (PMR)

PMR is the short form of Public Mobile Radio Service. According to ITU regulation and NFAP, PMR band HF (3-30 MHz) and VHF (30-300MHz) are reserved for walkie-talkie. Beside this, for Citizen Band 26-27MHz and for Short Business Radio (SBR) 245 -246 MHz frequencies are used in shared basis.

ISM Radio Service

Under the NFAP, 26.957-27.283 MHz band, 40.66-40.70 MHz band, 2.40-2.483 GHz band and 5.725-5.850 GHz band are identified as Industrial, Scientific and Medical (ISM) bands. ITU Radio Regulations have identified such ISM bands as Deregulated Bands.

Aeronautical Radio Service

As per NFAP of Bangladesh, 108.000 MHz to 117.975 MHz and 118.00 to 136.00 MHz spectrum are generally used for Aeronautical radio service. For safe and smooth flying in the sky, as well as landing of an aircraft, it is very important to communicate with air to air, air to ground and also ground to air.

Amateur Radio

Amateur radio (also called ham radio) is the use of designated radio frequency spectra for purposes of private recreation, non-commercial exchange of messages, wireless experimentation, self-training, and emergency communication. Amateur or ham radios may serve as the one of the important means of telecommunication in case of natural disasters or other emergencies. BTRC provides licenses and call-signs for amateur radio operators in the VHF and UHF bands.

VSAT

VSAT technology represents a cost effective solution for users seeking an independent communications network connecting a number of remote sites. VSAT networks offer value-added satellite-based services capable of supporting the Internet, data, LAN, voice/fax communications, and can provide powerful, dependable private and public network communications. At present, there are 5 (five) VSAT Provider with Hub Licensee, 12 (twelve) VSAT provider Licensee, 44 (forty four) VSAT User Licensee in the country.

Except it, wireless equipment's No Objection Certificates (NOC) is provided from Spectrum Division. This department also deals with the interference issues whether it is national or international

Conclusion:

BTRC is playing important role in telecommunication sector in Bangladesh. This commission is working to promote the telecommunication market and it is working for the common people's interest in this sector. BTRC is the key player in collecting revenue. Spectrum division has inevitable contribution in collecting revenue by selling spectrum and it has nice contribution in regulating spectrum also.

দেয়াল পত্রিকা



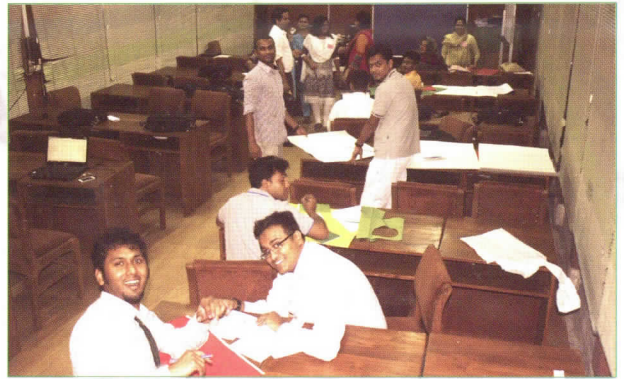
প্রশিক্ষার্থীদের তৈরী দেয়ালিকা



দেয়ালিকা উদ্বোধন করছেন রেক্টর মহোদয়



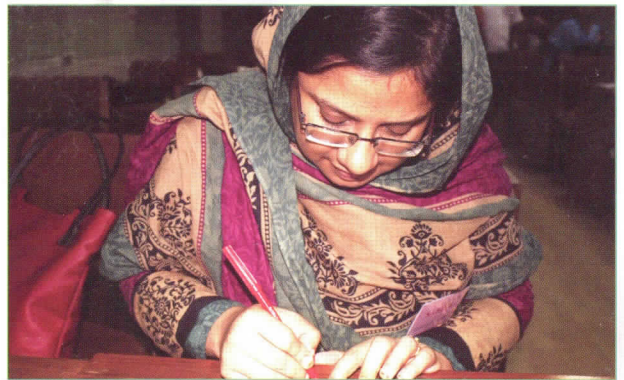
সফল নির্মাতারা



দেয়ালিকা শেষ পর্যন্ত হয়েই গেল!



দশে মিলে করি কাজ



দেয়ালিকার আর্কিটেক্ট



সেরা হস্তলিপিকার



বৈশাখী দল "নাগরদোলা"

শিক্ষা সফর



প্রশিক্ষণার্থী বৃন্দের সাথে কোর্স পরিচালক ও জেলা প্রশাসক, সিলেট



জেলা প্রশাসক চট্টগ্রাম-এর সাথে কোর্স সমন্বয়ক



আমি একাকী একাকী



প্রশিক্ষণার্থী বৃন্দের নববর্ষ পালন, চট্টগ্রাম সার্কিট হাউজ



তথ্য উপাত্ত সংগ্রহে মনোযোগী প্রশিক্ষণার্থী



সার্ভিস টু সার্ভিস তথ্য সংগ্রহ



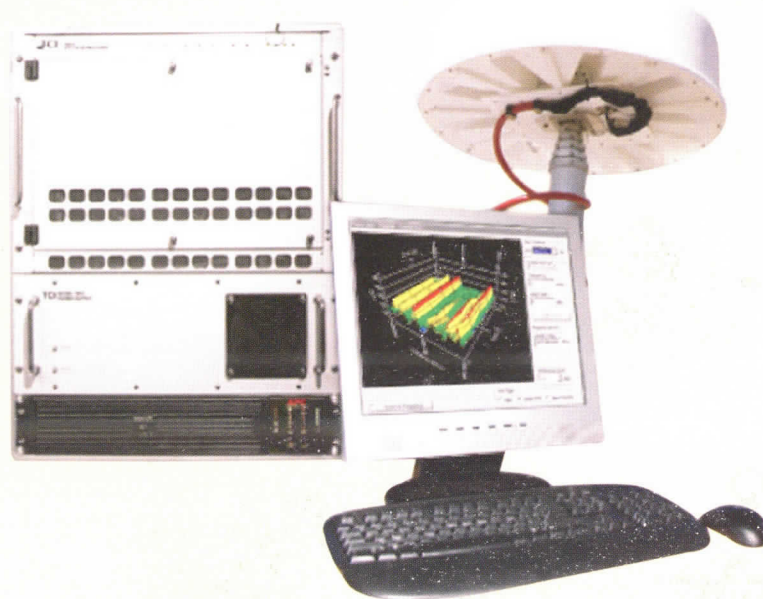
জীবনের আহবানে সামনে এগিয়ে যাই



নববর্ষের পান্তা ইলিশ

Spectrum Monitoring System and Techniques of Bangladesh

Mohammed Ashraful Alam



Spectrum Monitoring techniques ensure the optimum utilization of the Spectrum. Since Spectrum is a scarce natural resources, its proper and efficient use is very essential. It is necessary in practice because in reality, authorized use of the spectrum does not ensure that it is being used as intended. This may be due to the complexity of the equipment, interaction with other equipment, malfunction of equipment, or deliberate misuse. This problem has been further exacerbated due to the accelerating proliferation of terrestrial wireless and satellite systems and of equipment that may cause interference, such as computers and other unintentional radiators. The monitoring system provides a method of verification and "closes the loop" on the spectrum management process.

The Spectrum Monitoring technique consistently complies with the latest International Telecommunication Union (ITU) recommendations. The systems provide the administrative and planning tools necessary for regulatory entities to verify that licensees comply with the approved standards and concessions while providing the ability to detect violators and locate illegal operators.

Features of the overall system:

- o Fixed Applications
- o Mobile Applications
- o Nationwide Spectrum Management
- o User friendly Graphical User Interface (GUI)
- o Geographical Information System (GIS)
- o Flexible Client-Server architecture supports
- o Local, Remote, and Multi-user system architectures

Use of the spectrum occurs around the clock throughout the year, whether locally, regionally, or globally. The purpose of Spectrum Monitoring is to support the Spectrum Management process in general, including frequency assignment and spectrum planning functions. Specifically, the goals of monitoring are to assist in the resolution of electromagnetic spectrum interference, whether on a local, regional or global scale, so that

radio services and stations may coexist compatibly, reducing and minimizing resources associated with installing and operating these telecommunication services while providing economic benefit to a country's infrastructure through access to interference-free, accessible Telecommunication services.

In BTRC monitoring stations, a set of equipment receivers and antenna systems for the frequency range of interest are present. This system contains process controller to provide automation of some basic measurement tasks and direction-finding (DF) equipment for azimuth bearing information. The BTRC Spectrum Monitoring and Spectrum Management system consist of a hierarchy of national, regional, remote and mobile monitoring stations networked together in real-time to provide integrated control of multiple stations from a single operation console. This type of system is computer-and network-based, using sophisticated software to relieve the operators from tedious tasks and greatly increase measurement speed. It also increases equipment utilization by allowing background tasks.

The stations use receivers covering frequencies from 20 kHz to 3000 MHz in the Fixed and Mobile Monitoring Station and higher frequency analyzers to provide basic measurement functionality for frequency, field strength, modulation analysis and DF. The control unit allows measurements such as spectrum occupancy to be made over time.

The properties of electromagnetic waves, including wavelength, resonance, and signal and noise propagation, help determine choice of antennas in relation to: Directivity and gain, which are the main technical parameters of antennas. Antennas may be divided into two groups: omni-directional antennas (where the azimuth radiation pattern is essentially circular) and directional antennas. Omni-directional antennas may be used for general tasks of monitoring when the transmitter position is not known (occupancy rates, scanning), while directional antennas may be used for specific tasks (technical measurements) when better sensitivity is needed.

At BTRC we have 6 FMSs in different regions located in Dhaka, Chittagong, Sylhet, Bogra, Rangpur and Khulna. Additionally BTRC also has 5 Mobile Monitoring Stations (MMS) and 1 Portable Monitoring Station (PMS). From these stations the Radio Spectrum is monitored periodically and on an emergency basis, and the sources of frequency interference are detected and resolved immediately. The directional antennas on a mobile monitoring station have the same advantage similar to those of a fixed monitoring station, an omni-directional antenna on a mast which can be raised to improve reception. Also, higher sensitivity is not required on a vehicle, which can move to increase S/N and improve reception. Due to propagation loss at these frequencies, directional antennas are well suited for SHF bands, because of their high gain. Their main disadvantage is the directivity of the incidence signal, which means that the measurement must be performed on the main beam of the signals. These are carried out by high frequency spectrum analyzer which has signal reception capability of up to 20 GHz or beyond.

BTRC Monitoring system features: The system employs Software (name Scorpio) client-server architecture maintaining full compatibility with standard PC architecture. It has Spectrum Monitoring passive antenna solutions which provide high quality monitoring and direction finding measurements of signals from 0.5 to 3000 MHz without costly or time-consuming field calibration. The system supports wideband multi-channel architecture which detects weak signals in crowded RF environments. The system is easily expandable from single to multi-user configurations. The server contains Digital Signal Processing (DSP) which assures expansion of system capabilities.

লোকাল ভিজিট



সিআরপি হেড অফিস



মাশরুম উন্নয়ন কেন্দ্রে প্রশিক্ষণীরা



পঙ্গু পুনর্বাসন বিষয়ক ধারণা দিচ্ছেন কেন্দ্রের একজন কর্মকর্তা



ভবিষ্যৎ প্রজন্মের মাশরুম চাষিরা



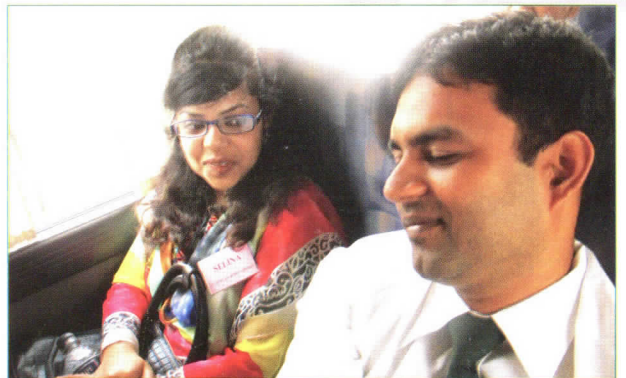
পঙ্গু পুনর্বাসন সরঞ্জাম তৈরীর কারখানা



ধর্ম যার যার রাষ্ট্র সবার



হোমিওপ্যাথিক সম্পর্ক



স্মরণিকা কমিটি কর্তৃক মেস কমিটি উদ্ব্যক্ত

মেস সাইট



সম্মিলিত সাংস্কৃতিক প্রশিক্ষণার্থীবৃন্দ



প্রশিক্ষার্থীদের একাংশের সাথে কোর্স উপদেষ্টা



কেউ কথা রাখেনি...



একজন সৎ মানুষের খোঁজে



আমি বাংলার গান গাই



করি যে ভাবনা সেদিন আর পাবনা...



প্রশিক্ষণার্থীগণ কর্তৃক দলগত সঙ্গীত পরিবেশন



মনে বন্ধু বড় আশা...

মেমোরি মেইন

-মাহরীন আহসান

১৫ মার্চ ২০১৪, শনিবার, এ যেন বাংলাদেশ টেলিযোগাযোগ নিয়ন্ত্রণ কমিশনের (বিটিআরসি) ২৫ জন কর্মকর্তার জীবনের এক নতুন অধ্যায়ের সূচনা। তরুন, বুদ্ধিদীপ্ত এক দল কর্মকর্তা ঐ দিনটিতে বাংলাদেশ লোক প্রশাসন প্রশিক্ষণ কেন্দ্রের উদ্দেশ্যে পাড়ি জমায়। যাত্রা শুরু হয় বাংলাদেশ লোক প্রশাসন প্রশিক্ষণ কেন্দ্রের আঞ্চলিক কার্যালয়, ইস্কাটন থেকে। বিটিআরসির কর্মকর্তাদের জন্য বিশেষ বুনিয়াদি প্রশিক্ষণে অংশগ্রহণের জন্যই এ যাত্রার সূচনা। শুরুতেই অনেকের চোখে ছিল উদ্ভিগ্নতা, কারো কারো মধ্যে ছিল পরিবার অথবা সন্তানকে ছেড়ে সামনে প্রায় অনেকটা সময় কাটাতে হবে এ ভেবে এক চাপা আবেগ। আবার কারো কারো মধ্যে কাজ করছিল প্রশিক্ষণ সফলভাবে শেষ করতে পারবে কিনা সে বিষয়ক উৎকণ্ঠা। কিন্তু ঢাকা থেকে বাংলাদেশ লোক প্রশাসন প্রশিক্ষণ কেন্দ্রে পৌঁছতেই দুচোখ ভরে সবুজ দেখতে পেয়ে আর আমাদের কোর্স সমন্বয়ক স্যারদের সাদর অভ্যর্থনা ও আন্তরিকতার মধ্য দিয়ে সবার ভেতরের উৎকণ্ঠা, উদ্ভিগ্নতা দূর হয়ে যায়।

১৬ মার্চ ২০১৪, রবিবার, সকাল বেলায় সবাই বেশ সাজগোজ করে ওরিয়েন্টেশনে অংশগ্রহণ করলাম, কেন্দ্রের নিয়ম কানুন সম্পর্কে বিশদভাবে জানলাম, পরদিনের পাগলা ঘন্টা বাজার আগেই self generated পাগলা ঘন্টা সবার মাথায় সারাদিনই বাজতে থাকলো। কোনরকম তা সামলে নিয়ে প্রথম পাগলা ঘন্টার হুংকার শোনার আশায় ঐ রাতটা দুই মিনিটেই শেষ হয়ে গেল, Specially আমার। কারণ আমি একেবারেই morning person না। পরদিন বাজলো প্রথম পাগলা ঘন্টা, কিন্তু মজার ব্যাপার হলো, ঐদিন সকালে সবাইকে আমার ঐ ঘন্টার চাইতেও পাগলা মনে হলো। নতুন সাদা ট্র্যাকসুট, জামা, জুতা পরে, ৩২ দন্ত বিকশিত করে (যদিও কারো কারো দু-একটা কম), অনেকটা বেশ আগ্রহের সাথে একেবারে “ইন-টাইম” সবাই চলে আসে। কেউ কেউ ‘প্রথম’ ঘন্টার শব্দ শোনার অভিজ্ঞতাও শেয়ার করে। সবার আগ্রহ দেখে আমি অবাক হই আর একইসাথে নিজের আগ্রহকেও বেশ boost up করে ফেলি। আস্তে আস্তে আমার কাছে প্রাতঃকালীন শারীরিক শিক্ষার অধিবেশন বেশ মজার মনে হতে শুরু করে। ঘুম থেকে উঠে এসে সকালের সেশনের প্রথম কাজ ছিলো “Cat-Stretching” (আড়মোড়া ভান্সা)। প্রশ্ন জাগলো, তাহলে কি আমরা সাদা বেড়াল? এই জন্যই কি আমাদের জামা-জুতা সবই সাদা? এরপর যখন কেন্দ্রের সাদা রাজহাঁস গুলোকে একসাথে সকালে হেঁটে বেড়াতে দেখতাম তখন আবার সবাইকে একদম ঐ হাঁসগুলোর মতো মনে হতো। এ সব মনে করে নিজেই মনে মনে হাসতাম। বিভিন্ন ব্যায়াম-এর সেট এর বিভিন্ন নাম, Yoga এর আসন গুলোর কিছু বেগতিক এলোপাথাড়ি নাম (শব্দআসন, উথিত পদাসন, পবন মুক্তাসন ইত্যদি), spot walk আর spot jog এর পার্থক্য সব কিছুই একটা ঝাপসা অবস্থা থেকে সবার মাঝেই আস্তে আস্তে clear হয়ে যায়। প্রশিক্ষণ চলাকালীন সময়ে যে ব্যায়ামটি সব চাইতে কাজে এসেছে সেটি হলো “On-Toes” Standing। কারণ গ্রুপ ছবি তুলতে গেলে পেছনের সারিতে দাঁড়ানো সবাই একসাথে “On-toes” অবস্থায় দাঁড়ালে প্রশিক্ষণার্থীদের কেউই ছবি থেকে বাদ পড়তো না। এছাড়া আমরা নিজেরাই কিছু কোড ব্যবহার করে ব্যায়াম সেটগুলোর নাম দেই যেমনঃ দূরে গিয়ে মর, ডাবল দুই সেট ইত্যাদি।

এরপর চলে আসি কোর্সের বিভিন্ন মডিউলের ক্লাসের বিষয়ে। দুপুরের খাবারের বিরতি বাদ দিয়ে সকাল থেকে বিকাল পর্যন্ত চলতো বিভিন্ন প্রশিক্ষকদের জ্ঞানগর্ভ আলোচনা। মাঝে মাঝেই আমাদের মাঝে জ্ঞানের আলো ছড়িয়ে দিতে Extension Lecture এর জন্য উপস্থিত হন বাংলাদেশের বিভিন্ন শ্রেণীর জ্ঞানী এবং



পেশাজীবী ব্যক্তিবর্গ। Extension Lecture
এর পর রাতের খাবারের পর্ব শেষে কোন কোন
দিন Exam অথবা Report জমা দেয়ার
কাজের চক্রে ঘুমের ১২ টা বাজার সাথে
সাথে ঘড়ির দিকে তাকিয়ে দেখতাম ঘড়িতে
১২ টার বেশি-ই বেজে গেছে (বিঃ দ্রঃ
Exam অথবা Report শেষ করার পর
সকালের শারীরিক শিক্ষার অধিবেশনে কিন্তু
সবাইকে সময় মতোই উপস্থিত থাকতে
হতো)।

তবে বিকালের খেলাধুলার অধিবেশনে
প্রশিক্ষার্থীদের সবার মধ্যে সব চাইতে বেশি উৎসাহ
দেখা যেতো। আমাদের মধ্যে পুরুষ প্রশিক্ষার্থী বেশি
থাকায় দেখা যেতো তারা সবাই ক্লাশ শেষ করার প্রতীক্ষায়
বসে থাকতো। অংশগ্রহণে আমরা মহিলা প্রশিক্ষার্থীরাও কেউ পিছিয়ে
ছিলাম না। ভলিবল খেলার সময় বল মারলে তা ডানে-বামে অথবা রাস্তা ক্রস করে
ডেইরীতে যাবে কি-না ওসব আমাদের মাথায় থাকতো না, মন খুলে খেলতাম আমরা। কখনও কারোও সাথে কারো মতবিরোধ সৃষ্টি
হলেও দিনশেষে একই সাথে খেলাধুলা করার পর সব দূরত্বই যেন জাদুর মতো ভ্যানিশ হয়ে যেত। তাই খেলাধুলার অধিবেশনটা
আমার কাছে মনে হতো ঠিক যেন জাদুর কাঠির মতো।

কোর্সের মাঝামাঝি সময়ে আমরা তিন-টি গ্রুপ এ বিভক্ত হয়ে তিনটি ভিন্ন জেলায় Field Visit এ যাই। চট্টগ্রাম, সিলেট ও খুলনা
জেলায় গ্রাহক পর্যায়ে এবং মোবাইল অপারেটরদের কাছ থেকে কিছু তথ্য-উপাত্ত সংগ্রহের মাধ্যমে আমরা আলাদা আলাদা তিনটি
বিষয়ে survey করি। সব গুলো গ্রুপেরই survey এর সময়কালীন হাজারো স্মৃতি আছে। কিন্তু এর মধ্যে বিশেষভাবে আমার মনে
পড়বে প্রশিক্ষার্থীদের সাথে কাটানো বাংলা নববর্ষ-১৪২১। আমার গ্রুপের সাথে Field Visit এ চট্টগ্রাম যাওয়া হয়। পান্তা-ইলিশ
থেকে শুরু করে পতেঙ্গা বীচ, ফয়েস লেক কোনকিছুই ঐ দিনটিতে বাকি রাখিনি আমরা।

প্রথম দিন থেকেই আমরা জানি যে, বুনিয়াদি প্রশিক্ষণের মূখ্য বিষয়ই হলো “Discipline”। এক সাথে পিপীলিকার মতো লাইন ধরে
এয়ার মার্কেটের উপর দিয়ে হাঁটা, ক্লাসে মোবাইল ফোন ব্যবহার থেকে বিরত থাকা, সময়ের আগেই যে কোন সেশনে নিজের উপস্থিতি
নিশ্চিত করা, করিডোরে দাঁড়িয়ে কোথাও দলবদ্ধভাবে গল্প না করা, আবাসিক এলাকায় না যাওয়া, সময়মত ডরমিটরীতে প্রবেশ- এমন
অনেক নিয়মের মধ্যে থেকে আশা করি আমরা সবাই কিছুটা হলেও “Discipline” নিজেদের ভেতরে রপ্ত করতে পেরেছি।

এছাড়া প্রশিক্ষার্থীদের মধ্যেই কারো কারো ভাষার আঞ্চলিক টান, ক্লাসে বসে জেগে জেগে ঘুমানোর দক্ষতা, ক্লাশে কোন কোন
প্রশিক্ষকের সাথে কারো কারো knowledge শেয়ারের ক্ষেত্রে P2P (Peer to Peer) কানেকশন (PPR module-টি এর মধ্যে
উল্লেখযোগ্য), মহিলা প্রশিক্ষার্থীদের মধ্যে কারো কারো ছোট কেঁচো দেখে সাপ বলে চিৎকার, কোথাও আয়না পেলে ঐ আয়না মিস
না করা, আবার ডেনের মধ্যে কুমিরের বাচ্চা দেখা গেছে বলে দাবি করা, একসাথে চা-কফি-আইসক্রীম পর্বের রিলে, আমগাছ আর
কাঁঠাল গাছের ভাগাভাগি- এসব কিছুই সবার মাঝে স্মৃতি হয়ে রয়ে যাবে। লেখাটা লিখতে লিখতে আমার আরোও অনেক এমন
স্মৃতির কথা লিখতে হচ্ছে হচ্ছে যেগুলো হয়তো কেউ-ই কখনও ভুলবো না।

আমি আমাদের সবারই উজ্জ্বল ভবিষ্যৎ এবং সাফল্য কামনা করি। নিজের দেশের উন্নয়নের জন্য ভবিষ্যতে বিচক্ষণভাবে সিদ্ধান্ত নিয়ে
এগিয়ে যাওয়ার শুভ কামনা থাকবে সবার জন্য। কাজের ব্যস্ততার মাঝে হয়তোবা বাংলাদেশ লোক প্রশাসন প্রশিক্ষণ কেন্দ্রে কাটানো
দু’মাসের স্মৃতিগুলোতে ধুলো পড়ে যাবে, কিন্তু আজ থেকে দশ বছর পর প্রকাশনাটি হাতে নিয়ে লেখাটি পড়লে একবার হলেও
ঠোঁটের কোনে আসবে মুচকি হাসি। ধুলো পড়া স্মৃতি গুলোকে আবার নতুন করে “CHERISH”- করার জন্যই আমার এ ক্ষুদ্র
প্রয়াস।

“Cherish all your happy moments; they make a fine cushion for old age”.

-Booth Tarkington

খেলাৰ মাঠ



হলুদে মোড়ানো সবুজ দল



কফি হাউসেৰ সেই আড্ডা.....



আমরা কৰব জয়



প্ৰাতঃ ভ্ৰমণে সুশৃংখল দল



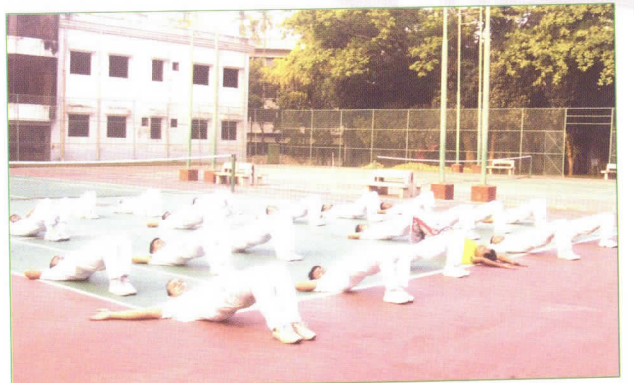
ভলিবল লাল দল



সুইমিং পুলেৰ সামনে



ব্যাডমিন্টন চ্যাম্পিয়নশীপেৰ ফাইনাল খেলাৰ শেষে



শাৰীৰিক শিক্ষাৰ ক্লাসে উদ্যমী কৰ্মকৰ্তাৰা

বিচিত্র সব ছবির মেলা



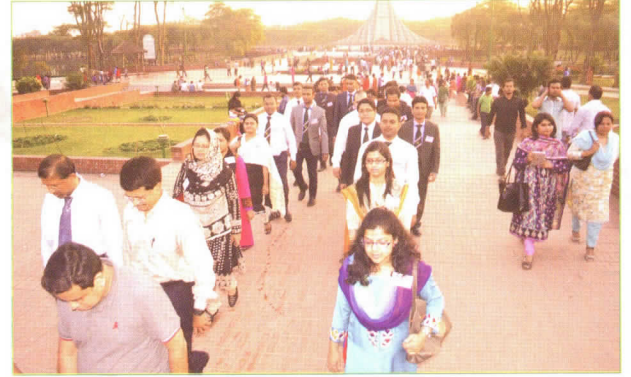
প্রাণের পুষ্পস্তবক



জাতীয় স্মৃতিসৌধে পুষ্পস্তবক অর্পন



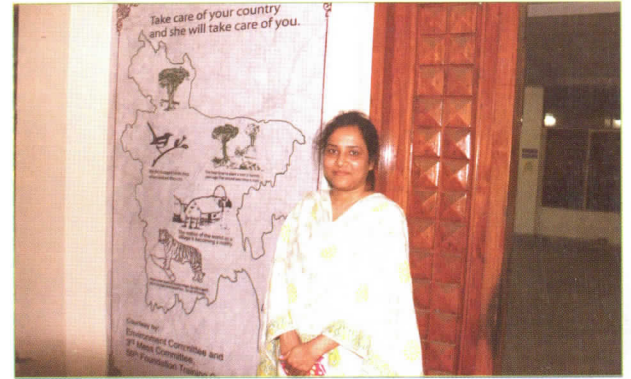
জাতীয় স্মৃতিসৌধে প্রশিক্ষণার্থীরা



ফেরার পালা



বিনিয়াদি মডেল



এ দেশ আমার মাটি আমার



মহান স্বাধীনতা ও জাতীয় দিবসের বক্তৃতা



চলোনা ঘুরে আসি অজানাতে...

Ten things "Google" know to be true

Google first wrote these "10 things" when Google was just a few years old. From time to time they revisit this list to see if it still holds true. Google hope it does-and you can hold us to that.

1. Focus on the user and all else will follow.

Since the beginning, Google have focused on providing the best user experience possible. Whether they're designing a new Internet browser or a new tweak to the look of the homepage, google take great care to ensure that they will ultimately serve you, rather than their own internal goal or bottom line. Their homepage interface is clear and simple, and pages load instantly. Placement in search results is never sold to anyone, and advertising is not only clearly marked as such, it offers relevant content and is not distracting. And when they build new tools and applications, they believe they should work so well you don't have to consider how they might have been designed differently.

2. It's best to do one thing really, really well.

Google do search. With one of the world's largest research groups focused exclusively on solving search problems, google know what they do well, and how they could do it better. Through continued iteration on difficult problems, they've been able to solve complex issues and provide continuous improvements to a service that already makes finding information a fast and seamless experience for millions of people. Our dedication to improving search helps us apply what they've learned to new products, like Gmail and Google Maps. Their hope is to bring the power of search to previously unexplored areas, and to help people access and use even more of the ever-expanding information in their lives.

3. Fast is better than slow.

Google know your time is valuable, so when you're seeking an answer on the web you want it right away-and we aim to please. We may be the only people in the world who can say our goal is to have people leave our website as quickly as possible. By shaving excess bits and bytes from their pages and increasing the efficiency of their serving environment, they've broken their own speed records many times over, so that the average response time on a search result is a fraction of a second. Google keep speed in mind with each new product they release, whether it's a mobile application or Google Chrome, a browser designed to be fast enough for the modern web. And they continue to work on making it all go even faster.

4. Democracy on the web works.

Google search works because it relies on the millions of individuals posting links on websites to help determine which other sites offer content of value. They assess the importance of every web page using more than 200 signals and a variety of techniques, including their patented PageRank™ algorithm, which analyzes which sites have been "voted" to be the best sources of information by other pages across the web. As the web gets bigger, this approach actually improves, as each new site is another point of information and another vote to be counted. In the same vein, they are active in open source software development, where innovation takes place through the collective effort of many programmers.

5. You don't need to be at your desk to need an answer.

The world is increasingly mobile: people want access to information wherever they

are, whenever they need it. Google are pioneering new technologies and offering new solutions for mobile services that help people all over the globe to do any number of tasks on their phone, from checking email and calendar events to watching videos, not to mention the several different ways to access Google search on a phone. In addition, they're hoping to fuel greater innovation for mobile users everywhere with Android, a free, open source mobile platform. Android brings the openness that shaped the Internet to the mobile world. Not only does Android benefit consumers, who have more choice and innovative new mobile experiences, but it opens up revenue opportunities for carriers, manufacturers and developers.

6. You can make money without doing evil.

Google is a business. The revenue we generate is derived from offering search technology to companies and from the sale of advertising displayed on their site and on other sites across the web. Hundreds of thousands of advertisers worldwide use AdWords to promote their products; hundreds of thousands of publishers take advantage of our AdSense program to deliver ads relevant to their site content. To ensure that they're ultimately serving all google users (whether they are advertisers or not), they have a set of guiding principles for our advertising programs and practices:

- o Google don't allow ads to be displayed on their results pages unless they are relevant where they are shown. And google firmly believe that ads can provide useful information if, and only if, they are relevant to what you wish to find-so it's possible that certain searches won't lead to any ads at all.
- o Google believe that advertising can be effective without being flashy. They don't accept pop-up advertising, which interferes with your ability to see the content you've requested. They've found that text ads that are relevant to the person reading them draw much higher click through rates than ads appearing randomly. Any advertiser, whether small or large, can take advantage of this highly targeted medium.
- o Advertising on Google is always clearly identified as a "Sponsored Link," so it does not compromise the integrity of our search results. They never manipulate rankings to put their partners higher in their search results and no one can buy better PageRank. Google users trust our objectivity and no short-term gain could ever justify breaching that trust.

7. There's always more information out there.

Once they'd indexed more of the HTML pages on the Internet than any other search service, google engineers turned their attention to information that was not as readily accessible. Sometimes it was just a matter of integrating new databases into search, such as adding a phone number and address lookup and a business directory. Other efforts required a bit more creativity, like adding the ability to search news archives, patents, academic journals, billions of images and millions of books. And our researchers continue looking into ways to bring all the world's information to people seeking answers.

8. The need for information crosses all borders.

Googlecompany was founded in California, but our mission is to facilitate access to information for the entire world, and in every language. To that end, we have offices in more than 60 countries, maintain more than 180 Internet domains, and serve more than half of our results to people living outside the United States. They offer Google's search interface in

more than 130 languages, offer people the ability to restrict results to content written in their own language, and aim to provide the rest of our applications and products in as many languages and accessible formats as possible. Using google translation tools, people can discover content written on the other side of the world in languages they don't speak. With these tools and the help of volunteer translators, they have been able to greatly improve both the variety and quality of services they can offer in even the most far-flung corners of the globe.

9. You can be serious without a suit.

Google founders built Google around the idea that work should be challenging, and the challenge should be fun. They believe that great, creative things are more likely to happen with the right company culture-and that doesn't just mean lava lamps and rubber balls. There is an emphasis on team achievements and pride in individual accomplishments that contribute to their overall success. Google put great stock in their employees-energetic, passionate people from diverse backgrounds with creative approaches to work, play and life. Google atmosphere may be casual, but as new ideas emerge in a café line, at a team meeting or at the gym, they are traded, tested and put into practice with dizzying speed-and they may be the launch pad for a new project destined for worldwide use.

10. Great just isn't good enough.

Google see being great at something as a starting point, not an endpoint. They set themselves goals they know they can't reach yet, because they know that by stretching to meet them they can get further than they expected. Through innovation and iteration, they aim to take things that work well and improve upon them in unexpected ways. For example, when one of their engineers saw that search worked well for properly spelled words, he wondered about how it handled typos. That led him to create an intuitive and more helpful spell checker.

Even if you don't know exactly what you're looking for, finding an answer on the web isgoogle problem, not yours. They try to anticipate needs not yet articulated by their global audience, and meet them with products and services that set new standards. When google launched Gmail, it had more storage space than any email service available. In retrospect offering that seems obvious-but that's because now they have new standards for email storage. Those are the kinds of changes google seek to make, and they're always looking for new places where they can make a difference. Ultimately, google constant dissatisfaction with the way things are becomes the driving force behind everything they do.

Quazi Rafshan Yeazdani

Assistant Director

বিচিত্র সব ছবির মেলা



ভাইয়ারা, আমরা জিপিএ-৫ পাইছি



আমারে একেলা থুইয়া রইলা কোথায় গিয়ে...



একবিংশ শতকের লাঠিয়াল



উফ, অনেক গ..র..ম



সুখের লাগি, এ সর বাধিনু



মাশরুম দুধের চেয়েও পুষ্টিকর তাই না ভাইয়া



ঠিক আছে তো?



গাড়ি চলে না, চলে না, চলে নারে...

বিচিত্র সব ছবির মেলা



গ্রাম বাংলার খেটে খাওয়া প্রকৌশলী



প্রশাসনের মাঝে প্রশাসক



সাদা মনের মানুষ



স্বপ্নবাজ পথিকেরা



কপসা পাড়ের দামাল ছেলেরা



বডিগার্ড



থি ইন্ডিয়ান্স

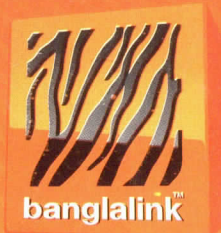


থামের নওজোয়ান

আমার রাজহাঁস

জাকির হোসেন খাঁন

বহুদূর থেকে দূরে হেঁটেছি আমি পৃথিবীর বুকে
কাটিয়েছি কত শত রজনী নিদ্রাহীন চোখে,
অনুভব করেছি লাখে হাজারো মানুষের বন্ধন
খুঁজে ফিরেছি স্বপ্নীল সেই প্রাণ স্পন্দন,
যা কিনা মোর ডাবল শক্তি ।
জল, স্থল, অন্তরীক্ষ, সদা সর্বদা
শত অনশন, সদা জাগ্রত, শত সুধীর মাঝে,
ক্লান্তিহীন নয়নে চম্বে বেড়িয়েছি ধূসর প্রান্তরে
করেছি গ্রহণ হাজারো মানুষের বঞ্চনা দ্বিধাহীন অবনত মস্তকে,
অশ্রান্ত কনীনিকায় খুঁজেছি আমার রাজহাঁসটিকে ।
রাজহাঁস, আমার স্বপ্নের রাজহংস,
অক্ষির প্রান্তরে, রেটিনার শেষ রেখায়, অশ্রুমাখা আবেগী জলে
অবশেষে পেয়েছি কিনা, জানিনা আমার রাজহাঁসটিকে ।
অমবস্যায় ঘুটঘুটে অন্ধকার হতে কুয়াশায় আলোয় যাকে দেখি
সে কি আমার রাজহংস? হ্যাঁ মনে হয় আমারি, আমারি ।
চোখ মুদিলে হৃদয়ে আঁচড় কাটে যে ধূসর বিড়াল নেত্র,
সে যেন আঁখির অন্তরালে আমারি রাজহাঁস ।
আমার রাজহাঁস, ডানা ঝাপটিয়ে চলে, আবেগী, অশান্ত, অস্থির
মন ভরে দেখি আমি, চোখ ভিজে যায় আবেগের নোনা জলে ।
সদা সর্বদা উচ্ছলতা, অমর্য, লাস্যময়তা, আবার কখনো অনুগ্রাহী
হাজার বছরের ইতিহাসের খেরো খাতা স্মৃতির পাতায় মেলে ধরি তখনি আমি
আমার রাজহাঁস, তোমাকে কখনো বুঝি, কখনো বুঝিনা আমি,
তবুও তোমাকে ছাড়া কোন কিছুই খুঁজিনা, খুঁজতে চাই না
জানি এ আমার বাড়াবাড়ি হয়তো, হয়তো বা না ।
আমি আমার স্বপ্নের দুয়ারে ভ্রমণ করি তোমাকে নিয়ে
তোমাকে ধরে রাখতে চাই আমি সক্ষমতার সবটুকু দিয়ে
আবার যদি হারিয়ে যাও, মিলিয়ে যাও তেপান্তরের মোড়
ধরনী থেকে হারিয়ে যাবে তোমার রাজহংস জোড় ।



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