

COMPUTER LITERACY PROGRAM

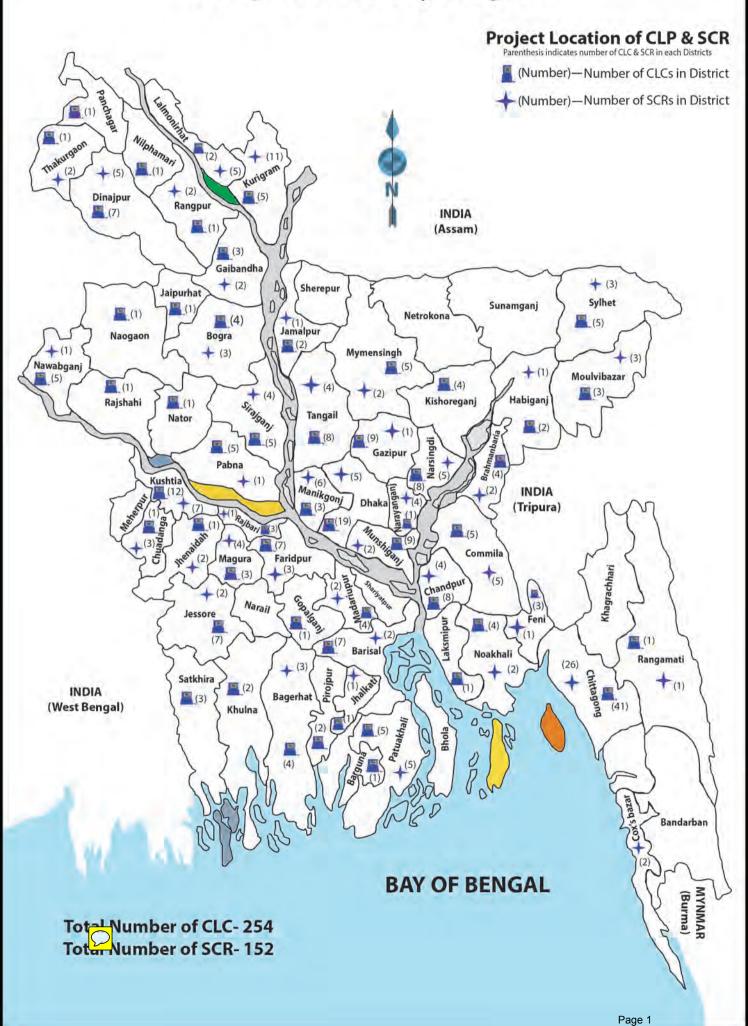
A Decade of Achievement (2004-2014)



COMPUTER LITERACY PROGRAM VOLUNTEERS FOR UNDERPRIVILEGED

WWW.CLPWEB.ORG

Computer Literacy Program



Program for CLP Annual Event

Saturday, August 9, 2014 Rutgers Cook Campus Center, 59 Biel Road, New Brunswick, NJ 08901

6:00 - 6:30 Guest Arrival, Registration, Social, Snacks

6:30 – 6:45 Welcome & Introduction

6:30 - 6:35	National Anthems, USA & Bangladesh
6:35 - 6:40	Welcome and Introduction
6.40 - 6.45	Video Animation on Computer Literacy Program

6:50 - 7:30 Keynote Speakers & Computer Literacy Initiatives

- Mr. Pari Bajpay
- Mr. Matilal Pal
- Dr. Wahiduddin Mahmud

7:35 – 8:30 CLP Presentation

- Video CLP Activities
- 10 years of CLP
- Financial Report
- Questions & Answers

8:35 – 9:20 Dinner (Children's dinner in Marle V. Adams Room)

9:25 – 9:35 High School Graduates Appreciation

9:40- 9:55 Youth Program

10:00 -10:05 Concluding Remarks

10:10-11:00 Cultural Events



Mizanur Rahman Biplob is a Bangladeshi actor & reciter for television and theatre. Initially, he worked for the poetry recitation group KOTHA ABRETTI CHARCHA KENDRO Dhaka, then as an actor of Podatik Natyo Sangsad, Dhaka. He had participated in many stage plays, notable central role in SUJAN BADIYAR GHAT among them, written by poet Jashim Uddin, which ran for five years. Biplob also started comedy as a member of ENGO BONGO COMEDY KOYAR since 2010 Based on New York and New Jersey. Moreover he performed in Bengali traditional puthi path that was highly appreciated by NY/NJ Bengali community.



In the arena of music and melody, Bangladeshi born **Shaheen Haque** has been recognized as one of the most talented vocal artists in North America. He is noted for his contributions in various stage and live performances, leading shows and performing solo programs. He has earned numerous awards and recognitions by many renowned organizations over the years. His natural talent and velvet voice has crossed local and global boundaries and entertained thousands of music lovers. His unique style of singing ranges from Nazrul geeti to devotional, ghazals to classical, traditional to contemporary and to folk songs. His classically trained voice and delivery of songs add a different standard to the genre of Bengali music. His knowledge and experience in music enriches the community and enlightens the core intention of purposeful entertainment value

both on and off stage.

Computer Literacy Program

A Decade of Achievement (2004 - 2014)



2014 marks a decade of dedication, hard work, service, accomplishments and excitement for the Computer Literacy Program (CLP). Ten years ago when we launched the program our goal was to develop a model for computer literacy of the underprivileged youths in rural Bangladesh and to that end we undertook a pilot program to establish 20 Computer Learning Centers (CLCs) in 2005. With generous support from our donors and sponsors, we established 351 CLCs as of 2014 May. Along the way we came up with the concept of Smart Class Rooms (SCRs) and established 152 SCRs nationwide. We pursue two missions with these two complementary efforts. CLCs promote knowledge and usage of computers and information technology among underprivileged children in rural Bangladesh. The objectives are to alleviate their fear of new technology and develop their confidence to work with these technologies which are transforming many spheres of modern life. The SCRs attempt to integrate technology to the mainstream education and at this initial phase help the students with English, Science, Geometry and Geography using knowledge-based CDs featuring sight, sound, color and animation. Such multimedia presentation enhances their appreciation and acquisition of contents. As Khan Academy and other similar web-based instruction initiatives are revolutionizing education in the US, we are convinced that the SCRs will help reform the mode of instruction in Bangladesh, specifically in rural areas where access to computers is a revolution in itself. The initial feedbacks are very encouraging.

Our efforts to bring computer education to remote villages in Bangladesh coincide with country's recent focus on "Digital Bangladesh". With over 85,000 students trained to date, CLP has made its mark on the country's digital dream. In the process we have trained 490 male and 98 female teachers for CLCs. Likewise we have trained a total of 600 teachers for the SCRs.

All these have been accomplished at a remarkably cost-effective manner. The cost of basic computer training per student now stands at ~ \$6, a highly efficient investment with potential for immense returns.

As we mentioned last year, we are torn between our aspirations for establishing newer centers and the need to maintain the existing centers. Our central message to all our donors and patrons is, "Please be generous to help us maintain the wonderful and clearly beneficial centers that you helped establish". Bangladesh is changing. We like to dream of a digitally connected, productive and prosperous Bangladesh. Come, dream with us.





From virtual to real, through computers to prosperity, we will empower the underprivileged youths of Bangladesh to enter the realm of hope by crossing the digital divide

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Magazine cover by Ashraful Huq

We Laud the Worthy Cause of The Computer Literacy Program

Compliments from: Mohammad H. Zaman, M.D., FCCP Rehana Zaman, M.D.

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Tonight's distinguished speakers



Pari (Paritosh Bajpay) started his career at ATLT Bell Laboratories after completing his M.S. in Computer Science from NYU-Polytechnic, N.Y. Throughout his thirty one year career with the Company he has led business & technical planning teams and engineering and development for Service Assurance systems for both ATLT's wireless and wireline networks. He currently leads the Services Design & Development efforts focusing on virtualization and programmable network cloud platforms.

Throughout his career Pari's competencies in business, technology and people management have provided him opportunities to hold positions with increasing responsibilities. Listen, Challenge, Inspire, Deliver and Measure KPIs are his leadership Mantras through which his team has delivered breakthrough accomplishments.

Pari has received numerous accolades and awards throughout his career at ATLT. Prior to his career in management, Pari was appointed a Bell labs' Distinguished Member of Technical Staff. He was the recipient of ATLT's prestigious Science and Technology Gold Medal, and Asian American Engineer of the Year Award. His projects have received ATLT's Software Excellence Award five times for exceptional software quality and development process, and most recently, the prestigious CIO 100 Award. Pari also has 85 patents.

Pari enjoys tennis and competitive long distance running! He and his wife have two adult children and reside in Edison, NJ.



Matilal Pal studied Economics at Dhaka University and Yale University. He started his career with research work on development economics in Pakistan, Bangladesh and the US. His long career at the United Nations was devoted to issues that would help developing countries like Bangladesh. After retirement from UN, Pal is now fully occupied as a Volunteer for VAB, our parent Organization.



Wahiduddin Mahmud obtained Ph.D. in economics from Cambridge University and was until recently Professor of Economics at Dhaka University. He is currently a member of the UN Committee for Development Policy (UN-CDP) and Chairman of South Asia Network of Economic Research Institutes (SANEI). He has led many government committees and commissions in Bangladesh relating to bank reforms, national income estimation, agricultural reforms, poverty monitoring and chaired or currently chairs the Panel of Economists for the Fifth, Sixth and Seventh Five-Year Plans of Bangladesh. He was a member of the Caretaker Government of Bangladesh in 1996 in charge of the Ministry of Finance and Planning. Together with Nobel Laureate Professor Muhammad

Yunus, he was a founder and, until recently, Chairman of PKSF (Bangladesh's apex microcredit funding institution). He has held visiting and research appointments at IDS at Sussex University, International Food Policy Research Institute, International Growth Centre at LSE, UNDP, ILO and the World Bank, among other institutions. His books include Adjustment and Beyond: the Reform Experience in South Asia (Palgrave-Macmillan), Handbook on the South Asian Economies (Edward Elgar), Seasonality of Hunger and Public Policies (World Bank publications) and The Theory and Practice of Microcredit (Routledge, forthcoming).

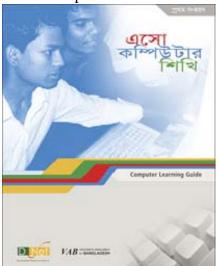
Computer Literacy Program: Ten Years of Progress

Swapan Kumar Gayen

Ten years ago, a few non-resident Bangladeshis (NRBs) living in New Jersey introduced the Computer Literacy *Program* (CLP) with the mission of bridging the *digital divide* that exists between an underprivileged student in rural Bangladesh and a student from an affluent family in the nation's capital, not to mention with a student from a developed country. The impetus for the program derived from the realization that paucity of access to computers and information technology can be crippling when different spheres of modern life, in particular, education were being rapidly transformed by advances in these two technology sectors. It was further realized that the digital divide is more amenable to remedy than many other disparities in life. The fact that starting out with comparable socio-economic background, neighboring India managed to transform it into an information technology giant is indicative of similar potential for Bangladesh. Wide spread of education and usage of computer and information technology is a necessary pre-condition for realizing that potential. CLP started out as an essential, organized step towards bringing computer and information technology resources to underprivileged youths in rural Bangladesh. Today CLP sets up Computer Learning Centers (CLCs), trains teachers, provides students with hands-on computer literacy training, establishes *Smart Class Rooms* (SCRs), brings multi-media and computer-aided instruction to complement traditional lecture-based teaching, and provides support for building a "Digital Bangladesh." It has been a challenging and rewarding journey, and this article is a brief account of the path travelled and where CLP stands at the end of ten years.

Beginning of the Journey

Organization: With the concept of CLP in place, the group of NRBs found it necessary to have an organizational framework to plan, raise funds, collect resources and implement the concept in Bangladesh. The group identified the Volunteers Association for Bangladesh (VAB, www.vabonline.org) as an organization with complementary mission to work with, and organized as VAB-NJ, the New Jersey based volunteers of VAB devoted to computer and information technology literacy in Bangladesh. VAB helps children in rural





Bangladesh with quality education and training through scholarships, tutoring, science laboratories, library books, and teacher training. To implement the Computer Literacy Program in Bangladesh VAB-NJ formed a partnership with Dnet (http://Dnet.org.bd), a non-profit social enterprise involved in spreading of information technology in Bangladesh, particularly in the rural areas. In 2013, VAB-NJ organized as independent entity *Computer Literacy Volunteers for the Underprivileged* (abbreviated as "CLP") for operational agility. VAB and CLP support each other in their activities as both strive to empower underprivileged students in Bangladesh.

Computer Learning Centers: The first step in fostering computer literacy is to make computers and hands-on computer training available to students. To that end the program started establishing Computer Learning

Centers (CLCs) in educational institutions in rural Bangladesh. In selecting the sites for CLCs, careful considerations were given to geographical location, availability of electricity, interest of the school management and its willingness to help. Every CLC has a computer lab for hands-on training.

Every computer lab is equipped with a minimum of four computers, one printer, other accessories and requisite furniture. Internet connection, where available, was later added to this basic package. In consultation with prominent computer scientists and educators in Bangladesh an introductory curriculum was developed. Based on that curriculum a student's manual, "Esho Computer Shikhi" (Let Us Learn Computers) in Bengali was published. Every student receives a copy of the manual at a nominal cost. Two teachers from each CLC receive two weeks of intensive training from Dnet professionals in Dhaka. The teachers are also provided with complete "Teachers Manual" so that upon their return they can teach the students.

Basic Training: The basic training includes making students familiar with the physical parts and operation of the computer, and teaching them how to use Microsoft Word, Excel spreadsheet, and Paint programs. Students are also introduced to the world-wide web where Internet connection is available. Students in a batch of 8 to 10 receive hands-on training free of charge for two hours a day, twice a week for ten weeks. The adjoining picture shows a typical CLC where students are busy at their computers under the supervision of an instructor. Students receive a certificate after successful completion of the training program.

The computer instructions are provided outside of the school's normal schedule so as not to interfere with the regular academic activities. Since the teachers provide the computer instructions in addition to their regular duties, each teacher receives honorarium of Tk 1000 after training a batch of students.

Partnership: The program is implemented through the joint efforts of CLP Volunteers, Dnet, local school administration, as well as, donors and sponsors. CLP provides the conceptual framework, the implementation directives, computers, teachers' honorarium, and funds for project implementation. Dnet assists in selecting the host institution, the production of the manuals and curriculum, teacher training, physical establishment of the computer lab, technical oversight to keep the computers operational, monitoring the progress of each CLC and overall management and improvement of the program. The school management and local residents provide the room, furniture, electricity as well as encouragement to the teachers and students. The school management also helps run each individual CLC. The sponsors and donors provide the much needed funds to run the program. As sponsors commonly support CLCs in their own localities, they play a part in monitoring the operation and progress of their centers.

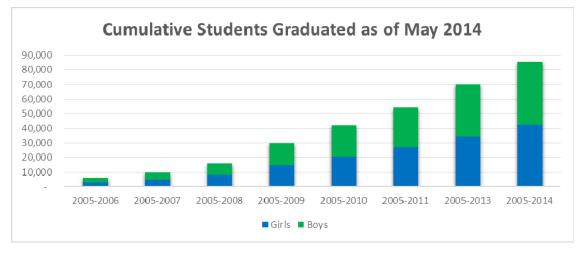
CLCs spread throughout Bangladesh

In 2004 the CLP started with the objective of setting up 20 CLCs. As of 2014 May, 254 Computer Literacy Centers (CLCs) are operational in 56 of 64 districts of Bangladesh. In addition, 97 Associate centers were established bringing to a total of 351 centers where students are receiving hands-on computer literacy training

free of charge. Associate CLCs are centers with their own computers that Dnet helps to set up at cost, and use the CLP curriculum and instructional materials. Over 1.5% of all schools in the country now have a

Approximately, 70% of these CLCs are in

CLC.



rural areas. As of 2014 May, these CLCs have trained over 83,000 students, 49% of those being females. The bar graph presents the enrollment and graduation statistics for students in the program. Over the same time frame, the program has trained 588 teachers, 17% of those being female, which is a noteworthy accomplishment given that qualified teachers are hard to find in rural areas.

Program Expands

CLP is a dynamic enterprise that adapts, expands and grows responding to the needs and demands of the time and changing educational and technological landscapes. In addition to establishing new CLCs throughout the ten years of existence, the program has spawned new initiatives leveraging on the basic infrastructure and resources of the established CLCs. CLP also has forged collaboration with other entities for promoting initiatives that promote education and student welfare in Bangladesh.

Computer Teaches Everyday English (CTEE) is one of those initiatives that derived from the observation that though students start learning English in the Primary School, the existing curriculum does not adequately develop their listening comprehension and conversation ability. The goal of the CTEE project was to develop an English teaching compact disc (CD) that will combine sight, sound, animation and proper pronunciation to complement the existing curriculum and enable the students to learn interactively using the computers in their respective CLCs. The planning of the CD took into consideration different second-language teaching methods, the various ways of learning languages, contents of the English text books used in the schools, as well as, inputs from English teachers and students who were interviewed (for details on the planning and subsequent development of the CD, please see the articles on CTEE in the CLP Annual Event Magazines for 2008 and 2009, respectively; available online at http://www.clpweb.org.) The CD has been developed and is being successfully used in CLCs and SCRs to complement classroom teaching of English for students from Class VI to Class X.

Community for Learning Information, Communication and Knowledge (CLICK) is another CLP inspired information technology (IT) based project devoted to providing advanced IT training to unemployed educated youth in rural Bangladesh so that they can find employment as IT professionals. The program was conceived and implemented by Dnet with support from Microsoft under its Unlimited Potential Program. Under this project 13 Pallitathya Kendras (Rural Information Centers) were established in 11 districts of Bangladesh. Based in community centers, the CLICK centers were supported by Microsoft through a cash grant equivalent to USD 100,000, as well as, operating system and application software valued at USD 67,000. The hardware support came from local partner organizations. The objectives of the CLICK project are to: (a) create a global-standard technology learning space for underprivileged groups; (b) nurture technology skills for emerging ICT-based professions; (c) help community information centers achieve sustainability; and (d) enhance information and knowledge acquiring scope for youngsters in rural Bangladesh. Every CLICK center is equipped with 7 computers, Microsoft Unlimited Potential (MSUP) curriculum, Internet connection, mobile phone, information and knowledge base and necessary logistics. For further details, please see the article on CLICK in the 2008 CLP Annual Event Magazine available online at http://www.clpweb.org.

After-School Club (ASC) and Continuing Professional Development for Teachers (CPDT) are two initiatives launched in 2013 by the British Council (BC) in Bangladesh that are of interest to CLP, and involves active BC-Dnet collaboration. Both the initiatives aim at improving the quality of education and instruction in secondary schools in Bangladesh. The goal of ASC initiative is to enhance the English and Information and Computer Technology (ICT) competency of students in secondary schools through fun and game in a club-like setting. Students participating in the ASC initiative attend before- or after-school classes for 2 hours/week for 16 weeks. British Council has developed a CD entitled Learn English Kids Bangla that includes interactive features (games, puzzles, songs, drawing and short stories), and intends to develop four skills: reading, writing, listening and speaking. Students use the CD and play different games to enhance their English comprehension and communication skills. The ASC initiative involved 20 centers, 10 of which are based in secondary schools and the other 10 in Rural Information and Technological Centers in its pilot phase. Ten of these centers are based in

schools and RITCs with strong CLP activities. Based on the outcome of the pilot project, the intent is to implement the program for secondary schools across the country.

The objective of CPDT initiative is to ensure continued professional growth of secondary school teachers. This two-day long training program consists of three modules: (1) Professional Development, (2) Global Citizenship, (3) and Intercultural Relationship. The aims of this training are to develop ICT and English skills, support global citizenship through awareness, and encourage collaboration and cultural interaction. Of 300 teachers targeted for training in 2013, 110 were from 55 CLCs established by CLP. The project will continue through 2015 and 300 teachers will be trained each year. Additional details on ASC and CPDT appear in a related article in 2013 CLP Annual Event Magazine available online at http://www.clpweb.org, and will appear in a future article on outcome report of the initiatives.

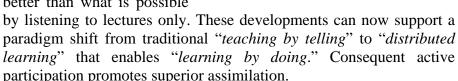
Smart Class Rooms: A Quantum Leap

Smart Class Room (SCR) initiative is CLP's attempt to adapt, for underprivileged students in Bangladesh, the

revolution in education and mode of instruction that has been set in motion by recent advances in computer, communication, and information technologies. The Internet, educational CDs, and knowledge webs are making information, books, and other

educational contents accessible in any remote corner of the globe that is connected. digitally Multimedia technology with ability to combine computers and voice. pictures, animation, music, words, video, simulation and databases is helping students grasp contents and concepts better than what is possible







In 2010 CLP and Dnet embarked on a pilot program to establish 100 SCRs and 100 Computer Literacy Centers (CLCs) over three years in rural secondary schools under a Private Public Partnership (PPP) Initiative of the Government of Bangladesh. The policy was to establish a SCR in a secondary school that already has a CLC, or where a CLC was being established at the same time. The resources of a CLC provide useful infrastructure for a SCR. In addition, every SCR is equipped with a 32 inch or larger LCD monitor/TV with dedicated power supply and back-up solar power, educational CDs, and a laptop. In this initial phase of development lessons in a SCR focus on four subjects: General Science, Geometry, English, and Geography. The contents are available on CDs prepared by local experts to ensure students' familiarity with linguistic and cultural underpinnings where relevant. The CDs bring together sight, sound, and animation to be played on the laptop and projected on the widescreen monitor giving the students an exposure to multimedia learning. Not only do these CDs enable quality class room education for the student, but also serve as useful training tools for teachers. Efforts are underway to download selected contents from the Internet and translate those into Bengali for classroom use.

As of May 2014, the program has established 152 SCRs which includes 100 sponsored by the PPP Initiative, 50 sponsored by the British Council in Dhaka, and 2 solely by individual sponsors. According to the provisions of the PPP Initiative a private sponsor was required to pay approximately one-third of the cost to establish a SCR or/and a CLC, while the rest was derived from the funds that Government of Bangladesh awarded for the

project. Teacher competency is a key component to the successful implementation of technology in education. Every school with SCR sends four teachers, one for each subject, to receive detailed training conducted by Dnet in Dhaka. To date 90 female and 510 male teachers have been trained. The adjoining map displays the geographical location and spread of these 152 SCRs.

Differences CLP makes

Even though in the backdrop of the overall national need, the 351 CLCs and 152 SCRs may seem miniscule, the accumulation of small advances and accomplishments has been encouraging to CLP volunteers and the recipient organizations. First among the achievements is the development of awareness and enthusiasm among students, teachers and parents, as well as, students' eagerness to learn. At many CLCs, aspiring students wait fervently for their turns. In most CLCs, the general enrollment increased because of the availability of the computer labs. The number of students applying to take computer course as an elective subject in the SSC Exam is also increasing. While prior to the availability of the computers, the students' scores in the SSC computer science practical examination was hovering near 70%, the figure jumped to nearly 100% in schools with CLCs. Many eager parents visited the computer labs. Teachers of other subjects are also falling in line. One particular English teacher's words are, "I keep hearing terms such as 'hardware', 'software', 'mouse', 'log-in', 'log-out' all the time, and I have no clue what those mean. It's time I became a computer literate as well." Students are highly appreciative of their experience with SCRs and educational CD-based learning of science concepts. While not readily quantifiable, the enhancement of students' appreciation and enthusiasm of computer and technology assisted learning is quite vivid.

CLP is showing slow but sure signs of opening doors of possibilities to the graduates. There are instances of graduates securing employment in computer related positions, or starting their own stores to offer computer-based services. CLP is thus bringing new career possibilities to the graduates.

The CLCs are encouraging students and teachers to venture out of their own weasel spaces and empowering them to take new steps. At a number of the centers, the teachers are using the computers for tabulating and analyzing student grades, scheduling school activities and resource management. CLCs served as resource centers for others in several instances. For example, the administrators of the Mymensingh Teachers' Training College contacted the CLP when their B. Ed. (Bachelor of Education) students needed computer training. Some 65 B. Ed students were trained at the Muktagacha and Mymensingh CLCs to successfully satisfy their requirements. One CLC computerized personal data of an entire union (27 villages). A high school teacher successfully applied and received training in a US university. These are some examples of how CLP has assisted in areas beyond its original mandate.

CLP and its CLCs serve as resource for international and national organizations pursuing philanthropic activities in Bangladesh. CLICK project supported by Microsoft, British Council's ASC and CPDT initiatives, Intel's demonstration of computer labs in remote areas without electricity, and various Dnet initiatives forged symbiotic relationship with CLP.

Most gratifying experience of CLP volunteers is the recent introduction of required computer courses in the secondary school curriculum by the Boards of Education, and the strong overlap of their syllabi with that of CLP. CLP played a pioneering role in bringing computers to the secondary class rooms in Bangladesh!

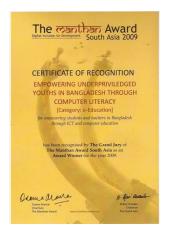
The results of independent *impact assessment* studies also indicate that CLP is playing a useful role. Ashirul Amin, a graduate student at the Fletcher School of Government of the Tufts University carried out a formal comprehensive evaluation of CLP in 2006 based on structured questionnaires, interviews and focus group discussions. The study report entitled, "*Bridging Digital Divide for Rural Youth: An Experience from Computer Literacy Program in Bangladesh*," came up with some interesting observations. First, CLP graduates tend to collaborate with and learn from one another more than their peers who did not go through the program do. Teachers report that CLP trained students do better in other areas, such as, Mathematics, Bengali and English, as well. Finally the presence of a CLC in a school enhances enrollment in and transfer of students to that school. More recently, Frederic Kastner, a graduate student at the University of Hildesheim, Germany,

conducted a research project, "Inclusive e-learning Practice in Developing Countries: Recommendation for Non-Governmental Organizations" for his Master's thesis. His report commended CLP's attention to "user communities' contextual realities," and their feedback, almost equal participation by female students, and commitment to collaboration with other entities.

Attention and Recognition

CLP has attracted attention from entities within and outside Bangladesh from the very beginning. Media in Bangladesh covered CLP events and achievements. Numerous reports and news articles were carried in major national daily newspapers over the years.

CLP uses a comprehensive approach for program implementation that includes establishment of computer labs, curriculum development, hands-on training, teachers' incentive honorarium, equipment maintenance and overall management. This comprehensive approach received significant accolade in an Educational Conference on Information Technology held in Cairo in 2005. A Canadian Information Technology expert commented that, to his knowledge, CLP is the only example in the world where resident and non-resident nationals could push the program so successfully without any foreign donation.



In 2009 CLP was recognized as the best e-learning program in South Asia and was bestowed the "Manthan Award South Asia 2009." The Manthan award is conferred every year by Digital Empowerment Foundation, a Delhi-based non-profit organization in collaboration with the Information Technology Department of the Government of India and a number of non-Government organizations.

Meaningful recognition of CLP activities come from individuals who contribute to CLP mission, and organizations, such as, Bank of Asia, Standard Chartered Bank, British Council Bangladesh, Microsoft, Intel, Relief International, Sentrana Corp., Imdad-Sitara Khan Foundation, NABIC, SpaandanB and others that collaborate on various projects and donate funds for program activities.

Support and Sustenance

CLP Volunteers supported the Computer Literacy Program by raising funds and grants from non-resident Bangladeshis (NRBs), and from NRB-run charitable and community organizations in the US. Dnet has sought out support from individuals and organizations in Bangladesh. A significant fraction of the CLCs were established with support from individual sponsors under the "Sponsor a CLC" mechanism. The mechanism allows a sponsor to choose an educational or community institution and donate a specific sum of money to help establish a CLC. The interest that the sponsor or sponsor's relatives and friends have in the success of the center helps monitoring its activities. Other modes of individual support include "Sponsor a SCR," "Donate a computer" and direct cash contribution. A salient feature of an individual-sponsored CLC or/and SCR is that the students get to learn about the success stories of their predecessors, which in turn encourages them to aim higher, and helps establish a useful connection between today's success and tomorrow's promise.

Substantial support from several institutions and individuals helped CLP grow and sustain its activities. First major institutional grant for implementation of, the program came from the Imdad and Sitara Khan Family Foundation in California. Continued support from this philanthropic foundation set up by Dr. Imdad Khan (now deceased) and his wife Mrs. Sitara Khan helped establish 15 of the CLCs, provide incentive honorarium for teachers and pay for a substantial fraction of the project management costs. Community and Non-profit organizations, such as, SpaandanB and North American Bangladeshi Islamic Community (NABIC) have sponsored CLCs and SCRs and provided funds for maintenance. CLP gratefully acknowledges major individual donations from Mr. Iftekar Hossain and Mr. Muhit Rahman.

D.Net organized fundraising events in Bangladesh and bore a part of the expenses. Bank Asia provided funds for establishing twenty-four CLCs. Hardware donations from Standard Chartered Bank helped establish many Associate CLCs and replace old computers in CLCs. Diplomats from a foreign embassy visited a CLC and donated four new computers. The Dhaka office of the International Monetary Fund provided four previously used but very high quality computers to another CLC. Relief International sponsored Internet connections to 20 centers to connect the students with the world. British Council in Bangladesh sponsored 50 SCRs and 15 CLCs.

Another significant form of support and recognition comes in the form of funding for new initiatives, and collaborations on projects of mutual interest. Microsoft supported establishing 13 CLICK centers discussed earlier. British Council in Bangladesh sought collaboration on its *After-School Club* and *Continuing Professional Development for Teachers* initiatives. Finally, the Government of Bangladesh made it possible to launch the SCR project by providing approximately two-thirds of the needed funds through its PPP Initiative.

While the individual and organizational support has sustained CLP activities to date, securing continued support and finding ways to make the program self-supporting are concerns for the volunteers. It should be emphasized in this context that support for CLP and similar programs should be looked upon as an 'investment in the underprivileged,' and not just as 'charity.' In terms of cost effectiveness and impact, Bangladesh is optimally suited for such investments. Since CLP's inception the cost for making a student computer literate has continually decreased and currently stands at ~ \$6/student. Bangladesh has a sizable technically educated workforce with low labor and overhead costs; it is much cheaper to develop and teach elementary and intermediate level computer courses, or to provide other educational and training services in Bangladesh. The human capital, instructional materials and technical know-how that will culminate from such endeavors are expected to have a much wider, even global impact, as the experience of "Grameen Bank" has shown the world.

Looking Ahead

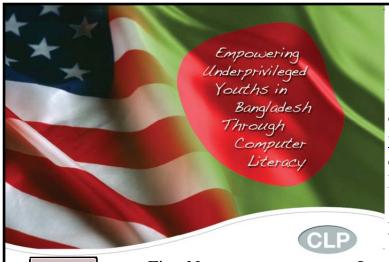
Over the last ten years CLP addressed the demands to increase the number of centers at a faster pace and to expand the scope of the program. The number of CLCs and SCRs are now statistically significant. The program plans to pursue the following three activities next: *Enhancing the Scope of SCRs*, developing *Computer Users Club*, and launching a pilot program on *Online Servicing of CLCs*. Enhancing the Scope of SCRs will be a formidable and continually evolving task. It will require development and adaptation of new multimedia instructional materials covering different disciplines and subject areas much more beyond the four CDs on English, Science, Geometry and Geography that are now in use.

Computer Users Club (CUC) will be a natural direction for evolution for the current computer literacy curriculum, since the required computer courses introduced by the Secondary Education Boards will undertake the task of making students computer literate. The objective of the CUC effort will be to nurture a team of inhouse computer enthusiasts who will go beyond what is in the syllabus and reach for new heights. Interested students will have extended use of computers to hone their skills.

Online Servicing of CLCs, when successfully implemented, will reduce maintenance costs and response time for addressing hardware and software problems. It will also provide training opportunities for the technology enthusiasts of the associated CUC.

The experience gathered and lessons learned over the last ten years encourage CLP volunteers dream bigger. It has been reaffirmed that honest and fruitful endeavors encourage others to extend a helping hand. Underprivileged students in the remote villages of Bangladesh have shown that they can make good use of every little opportunity provided to them. NRBs, with their expertise and resources can effectively contribute to developmental projects that help the country. Professionals from Bangladesh are now scattered in various parts of the world. Many of them nurture a fond desire to reach back to their roots and contribute to the advancement of the land from which they sprang. This is a cherished treasure whose proper utilization can bring desired well being for the nation.

Swapan Kumar Gayen is a CLP Volunteer and a professor of Physics at the City College of the City University of New York.



Please donate, for only through your support we are succeeding.

You can pay by personal check, or via Paypal at our website www.clpweb.org For stock donation, please contact Mohammad Farooque at (732) 829-0341. We are counting on you.

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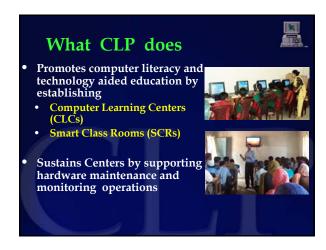
Sponsor A Computer



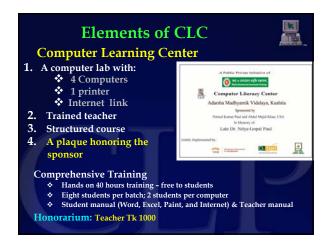
CLCs established in 2005-2013 need computer replacements.

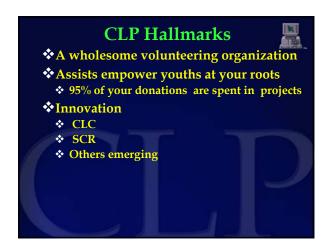
Your pledge of \$300 and our match of an additional \$100+ will enable us to replace a computer in your name.

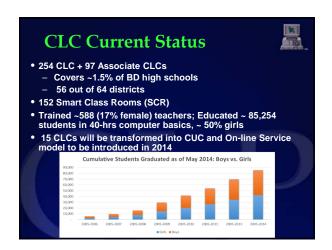


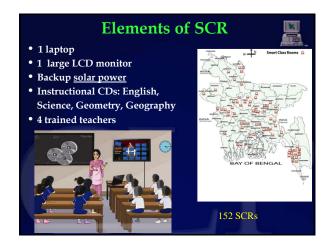




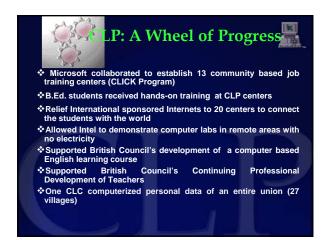


















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Introducing Digital Literacy to a Village Named Paushi Srijoy Dutta

As the webmaster for *Kreeya*, a local non-profit organization established here in New Jersey, I was involved in a book drive that supplied children's books to rural areas in India. Through this initiative, I became more aware of the hardships faced by people living in rural areas. Approximately 72% of India's population resides in villages and a staggering 29% of the rural population lives below the poverty line. The overall literacy rate in rural areas is 58.7% with the rate among males at ~70% while that amongst females is only ~46%.

Kreeya established a functional library in the village of *Paushi*, located in the eastern Indian state of West Bengal. Paushi, is a small bucolic hamlet surrounded by small ponds or '*pukurs*' and its residents rely mainly on rice and shrimp cultivation for their livelihood. Though a government-run school does exist, many of the children do not get much academic support at home. Kreeya provides supplemental books to aid these students master the school core curriculum as well as a tutoring service that provides remedial education to struggling students and enhances academic performance for the children of this village. The library has proven to be very popular among the children who visit every day after school and are benefiting from the support provided by the library personnel. The medium of instruction is in the local language of 'Bangla' but the children are also very interested in learning English.



Education is something that we take for granted here in the United States but after learning about the problems the students were facing while trying to improve their grasp of the English language, I started thinking of ways to assist them. I had co-founded the IEEE Student (iSTEM) Club of Bridgewater-Raritan High School with some like-minded students while in my sophomore year of high school with the support of the IEEE (Institute of Electrical and

Electronics Engineers), back in September 2011. The purpose of this club was to promote the STEM (Science, Technology, Engineering, Mathematics) fields among students through handson workshops and hosting guest speakers from industry and academia. I strongly believe in using STEM for humanitarian purposes and after learning about the EPICS (Engineering Projects in Community Service) program started at Purdue University, in which students work on projects to help out a non-profit organization, we introduced it to our club in the Fall of 2012. After successfully completing a project for the local non-profit 'The Children's Museum of Somerset County', we decided that we were ready to try working on a project that would be useful for a rural area in the world. And so was born the Digital Literacy Project. Working with Mr. Probodh Manna, the village physiotherapist who also provided the library building, we were able to learn about the needs of the children of Paushi in more detail and decided that such a project would be beneficial to this remote farming community. I and the members of the iSTEM Club began researching the materials needed to equip a cyber classroom with a computer having Internet connection, and submitted an official proposal to IEEE-EPICS for funding to establish a Digital-Literacy Program on the library premises. We planned to set up a cyber classroom equipped with a computer having Internet connection and then use the facility to teach the children basic computer skills, along with English language skills while allowing them to broaden their general knowledge by accessing the World Wide Web. Having access to a working computer with Internet access would be very beneficial to the children and open up many avenues to learning since the nearest computer was approximately 6-7 km away.

Our proposal was approved and we were now ready to start implementing the project. With the support of IEEE PCJS (Institute of Electrical & Electronic Engineers, Princeton/Central Jersey Section) and EPICS, I travelled to India in July 2013 with the aim of establishing a cyber-classroom equipped with a single computer and printer as well as an Internet connection. After buying and testing the computer parts in Kolkata and accompanied by a local Kolkata teacher, Mr. Amit Paul, I transported the computer and accessories to Paushi. After arriving at the library building, I took delivery of a computer desk that had been made by a local carpenter. This computer desk was the first desk ever made by the carpenter and based on some basic instructions provided during an earlier visit. Yet, the desk was so skillfully made and it even had a built-in shelf for the CPU. The craftsmanship was really fantastic. After setting up the computer with its accessories, and assisted by Mr. Paul and the local teacher, Mr. Swapan Jena, I was able to start a basic computer training session for about 40 children, ages five through 21, in the local language of 'Bangla'. This training session was delayed by more than an hour due to a heavy monsoon deluge that resulted in a power outage and yet the students waited patiently in the torrid tropical heat.

Now, the children were only conversant with 'Bangla' and I did not have any instructional material written in 'Bangla' which would probably make the whole learning experience more fun for the students. This is where the work done by the Computer Literacy Program (CLP) of Volunteer Association of Bangladesh-New Jersey (VAB-NJ) came to my aid. I had learnt about CLP and the educational activities of VAB-NJ from Dr. Swapan Gayen. Swapan Uncle explained how the VAB-NJ has been successfully implementing computer literacy in rural areas of Bangladesh and I was able to get more useful information from the VAB-NJ website. Before we left for Kolkata, Swapan Uncle provided me with a book, "Esho Computer Shikhi" with lessons on basic computer skills written in Bangla. With the help of this book, I was able to do a live demonstration and provide the students with some basic computer training such as how to use MS Word, MS Excel, and MS Paint as well as that wonder of wonders, the Internet. After

completing the session on basic computing skills where quite a few students created pictures and then printed them, to their great excitement, we moved on to English lessons. To help the students develop their English language skills, I installed "Computer Teaches Everyday English," a CD also developed with VAB-NJ support that teaches English vocabulary and phonetics, through an educational software game. Just watching the enthusiasm of children, such as, 12-year-old Shilpi, as they had their first interaction with a computer was heartwarming. Their excitement while learning new English words through the easy-to-use interactive format was indeed a wonderful thing. The students could not get enough of playing with the computer and we had to reassure them that the computer is staying in the library and they would be able to use it later in the week once their teacher planned the class schedule. It was gratifying to know that the Digital Literacy Project was received so positively by the children of Paushi.

Through the Digital Literacy Project, the members of the iSTEM Club of BRHS learnt so many things while setting up this cyber-classroom from scratch. This involved everything from submitting a proposal for funding, as well as planning, purchasing, installing computer hardware/software, and creating a software program using the SQL database to track the library books being borrowed from the library. Due to the wide-ranging scope of the project, teamwork was a key component for its success. A strong problem-solving mindset was developed throughout the duration of the implementation as many planned steps did not originally go according to plan, but were successfully revised as we learned how to adapt to new unexpected situations. The project also gave us the opportunity to develop such personal skills as written and oral communication, which are considered key for a successful career as an engineer. We also learned how to use the latest technology to help students utilize their new resources and access this new source of information that has suddenly become available to them (the Internet).

This is an on-going project and since returning home, I have been coordinating with teachers in Paushi to ensure that this project is operating effectively and students are benefiting. This project showed me the true value of education, and that nothing should be taken for granted.

In December 2013, we successfully applied for an additional \$2,000 of funding from IEEE-EPICS and were able to add another computer, a color printer, LCD projector, and projector screen to the cyber classroom. By expanding the cyber classroom facilities with this additional equipment, we hoped that more students would benefit from the lessons since they would now be taught on a larger screen and to a wider audience. After the request for funding was approved, the aforementioned equipment was purchased and installed in March 2014. Going forward, we hope to secure more funding and improve the infrastructure of the building that currently hosts the Digital Literacy Project since flaky electrical power and roof leaks during the monsoon season may damage the equipment and affect these popular computer classes. Computer classes are running five days a week, with over 60 students from grades 5-12 attending each class.

As an incoming freshman to the Clark School of Engineering at the University of Maryland College Park, I plan on majoring in Computer Engineering with a minor in Global Studies. The reason that I chose this particular program is the service-learning component that matches my interest in using Engineering for humanitarian purposes and I hope it will allow me to make a difference in people's lives.

The article presents an excellent example of how a student can contribute. Srijoy used support from IEEE. There are other sources and mechanisms for students to get involved. CLP will be happy to sponsor interested students to secure funds and arrange for placements in CLP related projects.

SL	Center Name	District	Start Date	CLC/SCR	Sponsor
_	Hazi Kashem Ali Degree College	Mymensingh Sadar	Mar '05		Mr. Nasim Ali, Princeton, NJ
	Hazi Kashem Ali Mohila College	<u> </u>	Mar '05		Mr. Nasim Ali, Princeton, NJ
	Bagerhat Bahumukhi High School	Mutkagacha, Mymensingh Amlapara, Bagerhat	Apr '05		Ms. Lubna Kabir, Bridgewater, NJ
			Mar '05		
	Mukul Niketon High School Uddipan Badar Shamsuddin Biddya Neketion	Mymensingh Sadar			Dr. Zaki Hossain, Long Island, NY
	•	Baitpur, Bagerhat	Apr '05		Ms. Shamsun Nahar, Marlboro, NJ
	Amla Sadarpur High School	Amla, Kushtia	Apr '05		Imdad-Sitara Khan Foundation, Saratoga, CA Imdad-Sitara Khan Foundation, Saratoga, CA
	Goal Gram College	Goalgram, Kushtia	Mar '05	CLC & SCR	
	Khukni High School	Khukni, Sirajgonj	Jun '05		Mr. Amzad Khan, Edison, NJ
	Kadambari High School	Kadambari, Madaripur	Jun '05		Dr. Swapan Kumar Gayen, Barlboro, NJ
	Farha Madhomik School	Komrail, Khulna	Jun '05		Dr. S.K. Bakar, New York, NY
	Mirzanagar Touhid Academy	Subar Bazar, Feni	Jun '05		Imdad-Sitara Khan Foundation, Saratoga, CA
	Barashalghar Union High School	Baroshalghar, Comilla	Jun '05		Imdad-Sitara Khan Foundation, Saratoga, CA
	Baruahat High School	Baruahat, Rangpur	Jun '05		Imdad-Sitara Khan Foundation, Saratoga, CA
	Mamun Smriti Public High School	Chantia Bazar, Jamalpur	Jun '05		Imdad-Sitara Khan Foundation, Saratoga, CA
	Parkhidirpur Maddhomic Biddalaya	Parkhidirpur, Pabna	Jun '05	CLC	Imdad-Sitara Khan Foundation, Saratoga, CA
	Shologhar AKSK High School	Shologhar, Munshigonj	Jun '05		Imdad-Sitara Khan Foundation, Saratoga, CA
	Babrijhar High School	Babrijhar, Nilphamari	Jun '05	CLC	Imdad-Sitara Khan Foundation, Saratoga, CA
	Ghagotia Chala High School	Chala Bazar, Gazipur	Jun '05		Mr. & Mrs. Zia Uddin Ahmad, Monroe, NJ
	BL High School	Amlapara, Sirajgonj	Jun '05		Dr. A. A. Chowdhury, Portsmouth, VA
	Laskardia Atikur Rahman High School	Laskardia, Faridpur	Feb '06		Drs. Shah and Anisa Yunus, Pittsburgh, VA
	Bhaterchar D.A. Mannan Pilot High School	Bhaterchar, Munshigonj	Jun '05		Imdad-Sitara Khan Foundation, Saratoga, CA
	McPherson Public Library	Bagerhat Sadar	Feb '06		Dr. Monira Haque, Edison, NJ
	Khaikara High School	Khaikara, Gazipur	Feb '06		Dr. Taher U. Akhand, Glastonebury, CT
	Kurigram Girls High School	Kurigram Sadar	Feb '06		Dr. KBM Zaman, Cleaveland, OH
	Banna Kandi N.M. High School	Bannakandi, Sirajgonj	Feb '06		Dr. A. A. Chowdhury, Portsmouth, VA
	Karihata High School	Karihata, Gazipur	Feb '06		Mr. & Mrs.Zia Uddin Ahmad, Monroe, NJ
	Rasulpur Basirun Nessa High School	Rasulpur, Tangail	Feb '06		Dr. Emdadul Haque, Port Orange, FL
	Maharajpur High School	Maharajpur, Chapai Nababgonj	Feb '06		Dr. Waled H . Chowdhury, Bethpage, NY
	North Bengal Medical College	Sirajgonj Sadar	Feb '06		Dr. A. A.Chowdhury, Portsmouth, VA
	Panchani High School	Panchani, Chandpur	Feb '06		Mr. Mohammad Zafarullah, San Jose, CA
	Nadir Hossin Girls High School	Kashba Najail, Rajbari	Feb '06		Dr. Faizul Islam, Houston, Texas
	Nasirkote High School	Nasirkote, Chandpur	Feb '06		Dr. Sultan Alam, Holmdel, NJ
	Adhunika Bangladesh Society	Azimpur, Dhaka	Feb '06	CLC	Adhunika Bangladesh Society, Dhaka
	M.A. Karim Bahumukhi High School	Hinga Nagar, Tangail	Feb '06	CLC	SpandaanB, San Jose, CA
	Kazi Jalaluddin Bahumukhi Girls High School	Sylhet, Sylhet	Feb '06		Dr. Nasreen Rab, Bangladesh
	Ekuria High School	Ekuria, Gazipur	Jun '06		Mr. & Mrs. Zia Uddin Ahmad, Monroe, NJ
37	Shahaber Bazar High School	Shahaber Bazar, Sylhet	Jun '06	CLC	Drs. Zaman, Hossain, Ahmed, Hicksville, NY
	Rifayetpur High School	Rifayetpur, Kushtia	Jun '06	CLC	Dr. A. K. Azad, East Greenbush, NY
	Barura Govt Girls High School	Barura, Comilla	Jun '06	CLC	Dr. Monowara Begum, Tappan, NY
	Tarail Pilot High School	Tarail, Kishorganj	Dec '06	CLC	Bank Asia Ltd., Bangladesh
	Malkhanagar School & Collage	Malkhanagar, Munshigonj	Dec '06	CLC	Bank Asia Ltd, Bangladesh
42	Shanuhar M. A. High School	Uzirpur, Barisal	Feb '07		Dr. Sirajul Huq, Wall, NJ
	Shahid Hasan Foyez Girls High School	Haripur, Kustia			Mr. Rezbul Chowdhury, Arlington, MA
	Montijar Rahman Mia Girls High School	Shailakupa, Jhenaidah	Feb '07		Ms. Shahreen Quazi, Boston, MA
45	The Old Kustia High School	Haripur, Kustia	Feb '07		Mr. Rezbul Chowdhury, Arlington, MA
46	Brahman Baria High School	Brahman Baria Sadar	Feb '07		Mr. Salahudin Shahriar, Mechanicsburg, PA
47	Pashchim Banskhali Upakulia College	Banskhali, Chittagong	Apr '07		Dr. Mahfuz R.Chowdhury, Uniondale, NY
	Shailan Surma High School	Dhamrai, Dhaka	Apr '07	CLC	Dr. Dalilur Rahman, Flemington, NJ
49	SURAVI	Dhanmondi, Dhaka	Apr '07		Dr. M. Hussain, Monmouth Junction, NJ
	Shalkuria High School	Nabangonj, Dinajpur	Jul '07		Mr. Muhit Rahman, Los Angeles,CA
	Setabganj Pilot High School	Setabgonj, Dinajpur	Jul '07	CLC	Mr. Muhit Rahman, Los Angeles,CA
52	Panchagar Bisnhnu Proshad Govt. High School	Panchagar Sadar	Jul '07		Mr. Muhit Rahman, Los Angeles,CA
53	Hasara K.K. High School	Sreenagar, Munshigonj	Jul '07	CLC	Dr. Rashid Hasan, Minneapolis, MN

CI		ned CLCs and SCRs and Spon	Start Date	CLC/SCR	
SL	Center Name Boro Basalia High School	District Tangail Sadar, Tangail	Aug '07	CLC/SCR CLC	Sponsor Dr. Emdadul Haque, Florida, USA
	South Satara High School	Chagalnaiya, Feni	Jul '07		Mr. Tazin Shadid, Redmond, WA
	Darbeshgonj High School	Kachua, Chandpur	Apr '07	CLC	Dr. Serajus Salekin Quaderi, Marlboro, NJ
	<i>.</i>	Satkania, Chittagong	Jul '07	CLC	•
	Satkania Golam Bari High School Mehandigonj Muktijodhya Sangsad		Jul '07		Bank Asia Ltd, Bangladesh Mr. Tazin Shadid, Redmond, WA
	Coronation High School	Mehandigonj, Barisal	Feb '08	CLC	Dr. KBM Zaman, Cleveland, OH
	Garda A.F. Mujibur Rahman Secondary School	Bogra Sadar, Bogra			Dr. Shah Yunus, Pittsburgh, PA
	Shila Roy Chowdhury High School	Faridpur Sadar, Jacobra	Feb '08 Feb '08		BUET Alumni, Houston, TX
		Jessore Sadar, Jessore			
	Gorpara M.L High School Ranigoni Mohila College	Manikgonj Sadar, Manikgonj Ghoraghat, Dinazpur	Mar '08		Dr. Humayara Islam Khan, Bangladesh
	3, 3	9 , 1	May '08	CLC	Mr. Muhit Rahman, Los Angeles, CA Mr. Muhit Rahman, Los Angeles, CA
	Loka BL High School Daudpur BL High School	Nababgonj, Dinazpur Nababgonj, Dinazpur	May '08 May '08		Mr. Muhit Rahman, Los Angeles, CA
	· · · · · ·		_		Mr. Shaju A. Shahjahan, Pepper Pike, OH
	Nageswari D.M. Academy	Nageswari, Kurigram	May '08		
	Shayestabad Girls High School	Barisal Sadar, Barisal	Feb '08	CLC	Hossain Trust, Dhaka
	Chunati High School	Lohagara, Chittagong	Mar '08	CLC	Bank Asia Ltd. Bangladesh
	Adhunagar High School	Lohagara, Chittagong	Mar '08	CLC	Bank Asia Ltd. Bangladesh
	Padua A.C.M. High School	Lohagara, Chittagong	Mar '08	CLC	Bank Asia Ltd. Bangladesh
	Sayed Habibul Haq High School	Kishorgonj Sadar, Kishorgonj	Feb '08		Bank Asia Ltd. Bangladesh
	Hazi Golam Hossen Girls High School	Tarail, Kishorgonj	Apr '08	CLC	Bank Asia Ltd. Bangladesh
	Rajdia Avoy Pilot High School	Sirajdikhan, Munshigonj	Apr '08	CLC	Bank Asia Ltd. Bangladesh
	Palla Mahabub Adarsha High School	Chatkhil, Noakhali	Apr '08	CLC	Bank Asia Ltd. Bangladesh
	Bhimpur Technical School & College	Chatkhil, Noakhali	Apr '08	CLC	Bank Asia Ltd. Bangladesh
	Liton Computers	Ashulia, Dhaka	May '08	CLC	Bank Asia Ltd. Bangladesh
	Ispahani High School	Keranigonj, Dhaka	May '08	CLC	Bank Asia,Ltd, Bangladesh
	Dinarpur High School	Nabigonj, Hobigonj	Sep. '08		Mr. A.M. Chowdhury Mukul, NY, USA
	Borogangdia High School	Daulatpur, Kustia	Sep. '08	CLC & SCR CLC	Imdad-Sitara Khan Foundation, Saratoga, CA
	Nasirkote Shahid Smriti College	Hazigonj, Chandpur	Apr '08		Dr. Sultan Alam, Holmdel, NJ
	Khandal High School & College	Parshuram, Feni	Apr '09	CLC	Dr. Suprasad Boidhya Roy, Princeton, NJ
	Abu Taher Dakhil Madrasha	Shibchar, Madaripur	Apr '09		Dr. Belayet Choudhury, Belle Meade, NJ
83	Shuryasen Orphanage	Wazirpur, Barisal	Apr '09		Mr. Muhit Rahman, Los Angeles, CA Mr. Muhit Rahman, Los Angeles, CA
	Sree Sree Pronab Math Nageswari Adarsha Pilot Utcha Balika Bidyaloi	Nazirpur, Pirojpur	Apr '09		g v
	•	Nageswari, Kurigram	Apr '09		Ms. Sharmin Shahjahan, Pepper Pike, OH
	AK Khan-UCEP Kalurghat Technical School	Chittagong	Apr '09	CLC	I-K Foundation, Bangladesh
	Jamalgonj High School	Akkelpur, Joypurhat	Apr '09 Jun '09		BUET Alumni, Houston, TX Dr. Shah Yunus, Pittsburgh, PA
	Nagarkanda Degree College Bagmoniram S.K.City Corporation Girls High School	Nagarkanda, Faridpur	Apr '09		Dr. Monowara Begum, Tappan, NY
	Dalta Rahmania High School	Chittagong Ramgonj, Laxmipur	Apr '09	CLC & SCR	Mr. Zafar Ullah, San Jose, CA
91	Ambarkhana Girls High School	Sylhet, Sylhet	Feb '06	CLC	Dr. Ahmed, Mr. Ahmed, Dr. Hussain, PA/NJ
	· ·		Apr '09	CLC	Imdad-Sitara Khan Foundation, Saratoga, CA
	Two Star Computers Bagmara High School	Daulatpur, Kustia Comilla Sadar South, Comilla	May '09	CLC	Mr. Pavel Rahman, Toronto, ON, Canada
	Kasba T.Ali Degree College	Kasba, B. Baria	May '09		Dr. Toufig Ali, Bangladesh
	Hemnagar Shashimukhi High School	Gopalpur, Tangail	May '09		NABIC, USA
	K.G.H.F Mowkhali United Academy	Paikgacha, Khulna	May '09		NABIC, USA
	K.G.H.F Mowkhall United Academy Kalipur Ezharul Hoque High School	Banshkhali, Chittagong	May '09		NABIC, USA
	Noor School	Sujanagar, Pabna	May '09		NABIC, USA
	Suapur Nannar High School	Dhamrai, Dhaka	May '09		NABIC, USA
	Chagaldhara High School	•			
	Bishnapur A. R. High School	Sariakandi, Bogra	Jun '09		NABIC, USA
	Khorda Kamarpur High School	Sadar, Gaibandha Sadullahpur, Gaibandha	Jun '09 Jun '09		NABIC, USA NABIC, USA
	Habibpur Secondary High School	Wazirpur, Barisal	Jun '09 Jun '09	CLC & SCR	NABIC, USA
	Aoliabad High School	Madhabpur, Hobigonj	Jun '09 Jun '09		NABIC, USA
	-				
	Islamabad Girls Orphanage	Chittagong Magura Sadar, Magura	Jun '09		Ms. Farhat Khan, Chittagong
106	Hajipur Secondary School	iviagura Sauar, iviagura	Apr. 10	CLC	ICNEWS, Austin,TX

SL	Center Name	District	Start Date	CLC/SCR	
	Dr.Imdad and S. Khan A. A. T. P. Primary School	Natore	Apr. 10	CLC/3CR CLC	Sponsor Imdad-Sitara Khan Foundation, Saratoga, CA
	Kanutia A Ala High School	Mohammadpur, Magura			Principal Latifa Khatun, Bangladesh
	Baramchal High School and College	Kulaora, Moulavibazar	Apr. 10 Apr. 10	CLC	Mr. Azadur Rahman (Tareque), USA
	Fatema Sangstha School at Bhartkhali				Mr. Muhit Rahman, Los Angeles,CA
	Khondker Abdul Mazid High School	Bhartkhali, Gaibandha	Jun '10 Jun '10		· · · · · · · · · · · · · · · · · · ·
	Gouripur Subal-Aftab High School	Ullapara R/S Daudkandi, Comilla			Dr. Sufian Khondker , New York, NY Mr. Abdus Sikder, North Bellmor, NY
		•	Jun '10	CLC	
	West End High School Jahanara Girls High School	Azimpur, Lalbag, Dhaka Amla Sadarpur, Mirpur, Kustia	Jun '10 Sep'10		Sentrana, USA Imdad-Sitara Khan Foundation, Saratoga, CA
					NABIC, USA
	Brotee Regional Office	Tanore, Rajshahi	Sep'10		•
	Botiabhanga High School	Gabtoli, Bogra	Sep'10		NABIC, USA NABIC, USA
	Khajuria High School Kamlapur High School	Faridgonj, Chandpur Kustia Sadar, Kustia	Sep'10 Sep'10		NABIC, USA
				SCR	
	Mirpur High School	Kumarkhali, Kustia	Sep'10		NABIC, USA
	Laboratory School, Mymensingh	Mymensingh Sadar, Mymensingh	Sep'10		Mr. ATM Masood, Winnipeg, MB, Canada
	Al-Hera Public School	Savar – Dhaka	Feb '11	CLC	Bank Asia Ltd. Bangladesh
	Amirabad Jonokalayan Girls High School	Lohagora, Chittagong Ashulia – Dhaka	Feb '11	CLC	Bank Asia Ltd. Bangladesh
	Ashulia Rotary School		Feb '11	CLC	Bank Asia Ltd. Bangladesh
	Baghia High School Konabari MA Kuddus High School	Konabari – Gazipur Konabari – Gazipur	Feb '11 Feb '11	CLC	Bank Asia Ltd. Bangladesh Bank Asia Ltd. Bangladesh
	Ichapura High School	Malkhanagar – Munshigonj	Feb '11	CLC	Bank Asia Ltd. Bangladesh
	Mostafa Begum Girls High School	Lohagora, Chittagong	Feb 11	CLC	Bank Asia Ltd. Bangladesh
	Munshigonj High School	Malkhanagar - Munshigonj	Feb '11	CLC	ŭ
					Bank Asia Ltd. Bangladesh
	Rohitpur High School Shahid Ahsanullah Master High School	Keranigonj, Dhaka	Feb '11	CLC	Bank Asia Ltd. Bangladesh
	3	Tongi – Gazipur	Feb '11		Bank Asia,Ltd, Bangladesh
	Shahpir Pilot High School Talgachia Deshanterkati High School	Lohagora, Chittagong	Feb '11	CLC	Bank Asia,Ltd, Bangladesh Chicago Halaka Party, Chicago, IL
		Betagi. Barguna	Jul '11	CLC	
	Harish Chandrapur High School	Chirir Bondor, Dinajpur	Jul '11		Family of J.U. Ahmad, SpaandanB, Austin, TX
	Shekandordi A.M.High School Ratandia R.K High School	Palash, Narshingdi	Jul '11		Dr. Fazlur R. Chowdhury , Bardonia, NY Md. A. Rahman Sarkar, Dhaka, Bangladesh
		Kalukhali, Rajbari	Jul '11 Jul '11		<u> </u>
	Ghorashal Pilot High Scool Siddikia Begum Girls' High School	Ghorasal, Narsindi	Jul '11		Dr. Mushfiqur Rahman, Melbourne, Australia Dr. Abu Masud, Wichita, KS
	Badartuni High School	North Matlab, Chandpur Hizla, Barisal	Jul '11		Dr. M. Abidur Rahman, MI
	Muladi High School			CLC & SCR	·
	3	Muladi, Barisal	Jul '11 Jul '11		Dr. M. Abidur Rahman, MI
	Patharghata High School Satarpara High School	Mirzapur, Tangail Daulatpur, Kustia	Jul '11		Mr. Mohammed Saleh, R.Ph, Merrick, NY Imdad-Sitara Khan Foundation, Saratoga, CA
	Maijhati High School	Gouripur, Mymensing	Jul '11	CLC & SCR	Tahsin Askar & SpaandanB, Austin, TX
	Pirkhain Moulana Asraf Chowdhury High School	Anwara, Chittagong	Jul '11		Dr. F. K. Shariff, Canada
	Union Krishi High School	Patia, Chittagong	Jul '11		Dr. F. K. Shariff, Canada
	Kanudaskati Nalbunia High School	Rajapur, Jhalakati	Jul '11		Dr. Ali Ahmed, Chicago, IL
	Jamal Uddin High School	Dhamrai, Dhaka	Jul '11	CLC & SCR	Sentrana . USA
	Yakub Ali High School	Boalmari, Faridpur	Jul '11		Family of S. Haque & SpaandanB, Austin, TX
	Tofail Ali Technical School and College	Nabinagar, Brahmin Baria	Jul '11		Mr. Md. Saifuddin Khalid, Denmark
	Mirkamary Adrsha Uchha Biddaloy	Ishwardi, Pabna	Jul '11		,
	Kushumpura High School	Patia, Chittagong	Jul '11		Mr. Mohammad Rafiqul Islam, Dhaka, Bangladesh Mr. Idris Sultan, Dallas, TX
	Maliara Mahira Mahirahi Khaine High School	Patia, Chittagong Patia, Chittagong	Jul '11		Mr. Idris Sultan, Dallas, TX Mr. Idris Sultan, Dallas, TX
	Manasha High School and College	Md. Rafique, Principal	Jul '11		Mr. Idris Sultan, Dallas, TX Mr. Idris Sultan, Dallas, TX
	Ankur Society Girls High School, Nasirabad, Chittagong	Nasirabad, Chittagong	Jul 11		Mr. Ali Ahmed, Chittagong
	Amardesh Residential High School, Gaibandha	Saghata, Gaibandha	Jul '11		Mr. Mahbubur Rahman, Dhaka
	Banga Bandhu Biddya Neketon	Mirpur, Dhaka	Jul '11	CLC & SCR	Sentrana, USA
	Purba Jurain Adarsha High School	Jurain, Dhaka	Jul '11	CLC & SCR	Sentrana, USA
	Harisangan High School	Belabo, Narsindi	Jul '11	CLC & SCR	Sentrana, USA
		Sonaimuri Noakhali			•
	Shonaimuri High School Shohid Maylana Kasimuddin Habaaha Biddalay		Jul '11		Drs. N. Chowdhury and I. Jahan, Chicago, IL Mr. Shahriar Ahmed, USA
159	Shahid Moulana Kasimuddin Uchacha Biddalay	Pabna Sadar, Pabna	Jul '11	ULU	IVII. OHAHIIAI AHIIIEU, USA

SL	Center Name	District	Start Date	CLC/SCR	Sponsor
	Hazera Talukder Balika Bidyalaya	Bauphal, Potuakhali	Jul '11		Mr. Dulal Talukder and SpaandanB Austin, TX
	Japan-Bangladesh Friendship High School	Surma, Sylhet	Jul '11	CLC	Rotary Club of Metropiltan Dhaka
162		Rajoir, Madaripur	Jul '11	CLC	Dr. Swapan Kumar Gayen, Marlboro, NJ
	Rays Hope Orphanage	Savar, Dhaka	Jul '11	CLC	Mr. Tahsin Askar & SpandaanB , Austin, TX
	Shahid Rowshan Ali Khan College	Bashail, Tangail	Jul '11		Mr. Hamid Reza Khan, USA
	Arjuna Mohsen High School	Buapur, Tangail	Jul '11	SCR	APW, Canada
	Bilkis Mosharrof High School	Daudkandi, Comilla	Jul '11	SCR	Abdus Sikder, USA
	HICARE SCHOOL	Dhanmondi, Dhaka	Apr '12	CLC	Md. S. Haque Memorial SpaandanB Austin, TX
	Camellia Duncan Foundation School	Kulaura, Moulvibazar	Apr '12	CLC	Fahad Khalil and SpaandanB Austin, TX
	Dr. Abdul Quader Dakhil Madrasah	Pangsha, Dist: Rajbari	Apr '12	CLC	Ashfaq Hossain, USA
	Pashdona Sir K. G. Gupta High School	Narsingdi Sadar, District:Narshindi	Jun '12	CLC	Kamal Debnath, Australia
	Katir Hat Girl High School	Hathazri, Chittagong,	Jun '12		Rina Akter, USA
	Barkal Abdul Hai Anwara Begum Girls High School	Chandanaish, Chittagong	Jun '12		A. Wazed Mahmud, M.D., USA
	Mahamuni Anglo Pali High School	Raozan, Chittagong,	Jun '12		Mr & Mrs Alauddin Chowdhury, USA
	South Shucipara Union High School	Sharastai, Chadpur	Jun '12		M. Islam, Q. I. Kumar, A. Islam, USA
	Jangail Khain High School	Potia, Chittagong	Jun '12		Dr. F. K. Sharif, USA
	Liakot Ali High School	Kasba, B. Baria	Jun '12		Dr. Toufic Ali, Bangladesh
	Banigram Shadhanpur High School	Bashkhali,Chittagong	Jun '12	CLC	Idris Sultan, USA
	Kalarpul Hazi Md. Omra Mia Chowdhury M.L High School	Patia, Chittagong	Jun '12	CLC	Idris Sultan, USA
179	Khalilmir High School, Patia	Patia, Chittagong	Jun '12	CLC	Idris Sultan, USA
180	Kartala Belkhain Mahabodhi High School	Patia, Chittagong	Jun '12	CLC	Jewel Chowdhury, USA
181	Katirhat High School	Hathazri, Chittagong,	Jun '12	CLC & SCR	Mohammed Osman Ghani, USA
182	Mashikara High School	Dabidar; Commila	Jun '12	CLC & SCR	M.Rahman, R. Islam & M.Rahman, Singapore
183	Adarsha Madhyamik Vidalaya-Kushtia	Sadar, Kustia	Jun '12	CLC & SCR	N. K. Paul and A. M. Khan, USA
184	Khamar Para High School	Gopalpur, Tangail	Jun '12	CLC	Dr. Nuran Nabi, USA
185	Satirpara K. K. Institute - 2 SCR	Sadar, Norshandai	Jun '12	CLC & SCR	DC, Narsindi, USA
186	Ideal High School	Sadar, Norshandai	Jun '12	CLC & SCR	DC, Narsindi, Bangladesh
187	Nanupur Aboo Sobhan High School	Fatikchari, Chittagong	Jun '12	CLC	Steve Asif Faruque, USA
188	Nandina Model Academy	Sadar, Jamalpur,	Jun '12		Khalil Family and SpaandanB Austin, USA
	Latifa Siddiqi Girl's High School	Shitakundo, Chittagong	Jun '12	CLC & SCR	Shams Siddiqi, USA
	Dhanpota High School	Jhikorgasa, Jessore	Jun '12		Ahsan Kabeer & SpaandanB Austin,USA
	Talbaria Bahumukhi Secondary School	Sadar, Jessore	Jun '12		Iftekhar Rahman and SpaandanB Austin, USA
	Bauphal Adarsho Uchcho Balika Biddyalaya	Bauphol, Patuakhali	Jun '12	CLC & SCR	Tahmina Akhter, USA
	Krishna Gobindapur High School	Sadar, Chapinababgonj	Jun '12	CLC	Ashfaq Hossain, USA
	Chalkjhagru High School	Sadar, Chapinababgonj	Jun '12	CLC	Golam Morshed Osmani, Hridoya Bangladesh
	Bauphal Model Maddhyamic Biddyalaya	Bauphol, Patuakhali	Jun '12	CLC & SCR	Tahmina Akhter, USA
	Ranihati Multicultural High School	Shibjong, Chapainawabgonj	Jun '12	CLC & SCR	Yasmeen Ali, USA
	Hasandandi M L High School	Chandanaish, Chittagong	Jun '12	CLC	Nizam Uddin, USA
	Quaish Burichar Shomolani High School	Hathazari, Chittagong	Jun '12	CLC	Nizam Uddin, USA
199		Uttara Model Town, Dhaka	Jun '12	CLC	Sahana Farid, USA
	Bauria G. K. Academy	Shandip, Chittagong	Jun '12	CLC	Golam Rasul Chowdhury, USA
	Ayesha Obayed Girls High School	Shandip,Chittagong	Jun '12	CLC	Golam Rasul Chowdhury, USA SpaandanB Austin, USA
	Alinagar High School	Sadar, Chapainawabgonj	Jun '12	CLC	Ahsan Kabeer & Tahsin Askar, USA
	Chandpara High School Patibila Hazi Shahjahan Ali High School	Chowgacha, Jessore Chowgacha, Jessore	Jun '12 Jun '12	CLC	Ansan Kabeer & Tansin Askar, USA Ahsan Kabeer & Tahsin Askar, USA
204	·	Sitakundo, Chittagong	Jun 12 Jun 12	CLC & SCR	Shams Sidddigi, USA
	Sonavori Model High School	Rowmari, Kurigram		CLC & SCR	Rezwanul Kabir,USA
	•	Upazila: Atrai, Dist: Naogaon	Jun '12 Jun '12	CLC	Quamrul Mina, USA
	East Jalabari Adarsha High School	Sharupkathi, Pirojpur	Jun '12	CLC	UTBSA, USA
	Begum Sufia Model High School	Kaliakoir, Gajipur	Jun '12	CLC	Daughters of K. Banu, Srifoltoli, Bangladesh
	Talepur High School	Keranigonj, Dhaka	Feb '11	CLC	Bank Asia Ltd. Bangladesh
	Martha Linderstorm-N. J. Begum Gilrs H. School	Tangail	Jun '12	SCR	Ahsan H Mansur, Dhaka, Bangladesh
	Dhakieswari Mills High School	Bandar,Narayanganj	Jul '12	CLC	British Council, Bangladesh
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SL	Center Name	District	Start Date	CLC/SCR	Sponsor
	Begum Fatima Girls High School		Jul '12	CLC/3CK	·
	Fyjunnessa High School	Tungipara, Gopalgong		CLC	British Council, Bangladesh British Council, Bangladesh
	Madam Bibirhat Shahjahan High School	Saturia,Manikgong Sitakunda,Chittagong	Jul '12 Jul '12	CLC	British Council, Bangladesh
	Kharikong High School	Sadar, Rangamati	Jul '12	CLC	British Council, Bangladesh
	Arag Anandapur Adarsha High School		Jul '12	CLC	British Council, Bangladesh
	Amtoli Secondary School	Burichang,Comilla Sreepur,Magura	Jul '12	CLC	British Council, Bangladesh
	Dorsona Secondary Girls High School	Damurhuda,Chuadanga	Jul '12	CLC	British Council, Bangladesh
	Tulatali Secondary School	Kalapara,Patuakhali	Jul '12	CLC	British Council, Bangladesh
	Ramkrishno Girl's High School	Sadar,Sylhet	Jul '12	CLC	British Council, Bangladesh
222	Border Gard High School	Sreemongal,Moulovibazar	Jul '12	CLC	British Council, Bangladesh
	Binnyakuri High School	Chirirbandar, Dinajpur	Jul '12	CLC	British Council, Bangladesh
	Holokhana High School	Sadar,Kurigram	Jul '12	CLC	British Council, Bangladesh
225	Taluk Shakhati High School	Kaligonj,Lalmonirhat	Jul '12	CLC	British Council, Bangladesh
	Goreya S/C High School	Thakurgaon, Thakurgaon	Jul '12	CLC	British Council, Bangladesh
	Hargoj Shahid Smriti High School	Saturia, Manikgong	Jul '12	SCR	British Council, Bangladesh
	Daragram High School	Saturia,Manikgong	Jul '12	SCR	British Council, Bangladesh
	Char Tilli High School	Saturia, Manikgong	Jul '12	SCR	British Council, Bangladesh
	Baliati I C High School	Saturia,Manikgong	Jul '12	SCR	British Council, Bangladesh
	Janna Model High School	Saturia, Manikgong	Jul '12	SCR	British Council, Bangladesh
232	Fukurhati Kandarpara Mozibar Rahman High School	Saturia, Manikgong	Jul '12	SCR	British Council, Bangladesh
	Bandar Girls School & College	Bandar, Narayanganj	Jul '12	SCR	British Council, Bangladesh
	B . M Union High School	Bandar, Narayanganj	Jul '12	SCR	British Council, Bangladesh
	Shonakanda High School	Bandar, Narayanganj	Jul '12	SCR	British Council, Bangladesh
	Hazi Sirajuddin Memorial High School	Bandar, Narayangani	Jul '12	SCR	British Council, Bangladesh
	Sonaichary High School	Sitakunda, Chittagong	Jul '12	SCR	British Council, Bangladesh
	Masajidda High School	Sitakunda, Chittagong	Jul '12	SCR	British Council, Bangladesh
	Barabkund High School	Sitakunda, Chittagong	Jul '12	SCR	British Council, Bangladesh
	Bhatiary Hajee T A C High School	Sitakunda,Chittagong	Jul '12	SCR	British Council, Bangladesh
	Vedvedee Pouro High School	Rangamati Sadar,Rangamati	Jul '12	SCR	British Council, Bangladesh
242	Burichong Model Academy	Burichong, Comilla	Jul '12	SCR	British Council, Bangladesh
243	Bara Baldia High School	Damurhuda,Chuadanga	Jul '12	SCR	British Council, Bangladesh
244	Dakshin Chandpur Secondary School	Damurhuda,Chuadanga	Jul '12	SCR	British Council, Bangladesh
245	Loknethpur S.S. High School	Damurhuda,Chuadanga	Jul '12	SCR	British Council, Bangladesh
246	Khamarpara Pilot Girls' Hgih School	Sreepur,Magura	Jul '12	SCR	British Council, Bangladesh
247	Kazoli High School	Sreepur,Magura	Jul '12	SCR	British Council, Bangladesh
248	Panchapally High School	Sreepur,Magura	Jul '12	SCR	British Council, Bangladesh
	Barishat Secondary School	Sreepur,Magura	Jul '12	SCR	British Council, Bangladesh
	Mahipur Co-Opt. Secondary School	Kalapara,Patuakhali	Jul '12	SCR	British Council, Bangladesh
	Pakhimara Profulla Bhoumik High School	Kalapara,Patuakhali	Jul '12	SCR	British Council, Bangladesh
252	Police Lines High School	Sylhet Sadar,Sylhet	Jul '12	SCR	British Council, Bangladesh
	Kishori Mohan Girls' High School	Sylhet Sadar,Sylhet	Jul '12	SCR	British Council, Bangladesh
	PDB High School	Sylhet Sadar,Sylhet	Jul '12	SCR	British Council, Bangladesh
	Victoria High School	Sreemongal, Moulovibazar	Jul '12	SCR	British Council, Bangladesh
	Begum Rasujan Abdul Bari High School	Sreemongal, Moulovibazar	Jul '12	SCR	British Council, Bangladesh
	Sreemongal Udyan Girls High School	Sreemongal, Moulovibazar	Jul '12	SCR	British Council, Bangladesh
	Kanthalbari Girls High School	Kurigram Sadar,Kurigram	Jul '12	SCR	British Council, Bangladesh
	BELGACHA B BL HIGH SCHOOL	Kurigram Sadar,Kurigram	Jul '12	SCR	British Council, Bangladesh
	Kanthal Bari Bl. High School	Kurigram Sadar,Kurigram	Jul '12	SCR	British Council, Bangladesh
	Kurigram Kalektarate School	Kurigram Sadar,Kurigram	Jul '12	SCR	British Council, Bangladesh
262	Harishwar Taluk High School	Rajarhat, Kurigram	Jul '12	SCR	British Council, Bangladesh
	M A Sattar Adarsha High School	Kurigram Sadar,Kurigram	Jul '12	SCR	British Council, Bangladesh
	Kurigram Adarsha High School	Kurigram Sadar,Kurigram	Jul '12	SCR	British Council, Bangladesh
265	Khalilgonj School and College	Kurigram Sadar,Kurigram	Jul '12	SCR	British Council, Bangladesh

SL	Center Name	District	Start Date		Sponsor
	Hazrania High School	Kaligonj,Lalmonirhat	Jul '12	SCR	British Council, Bangladesh
	Dr. Chandana High School	Kaligonj,Lalmonirhat	Jul '12	SCR	British Council, Bangladesh
	Banani Nagar High School	Kaligonj,Lalmonirhat	Jul '12	SCR	British Council, Bangladesh
	Shakhati High School	Kaligonj,Lalmonirhat	Jul '12	SCR	British Council, Bangladesh
	Chirirbandar Girls High School	Chirirbandar,Dinajpur	Jul '12	SCR	British Council, Bangladesh
	Shukipur High School	Chirirbandar,Dinajpur	Jul '12	SCR	British Council, Bangladesh
	Khochona S C High School	Chirirbandar,Dinajpur	Jul '12	SCR	British Council, Bangladesh
	Jogonnathpur High School	Chirirbandar,Dinajpur	Jul '12	SCR	British Council, Bangladesh
	Jononi Girls High School	Chirirbandar,Dinajpur	Jul '12	SCR	British Council, Bangladesh
	Goreya Girls High School	Sadar,Thakurgaon	Jul '12	SCR	British Council, Bangladesh
	Chakhmill High School	Sadar,Thakurgaon	Jul '12	SCR	British Council, Bangladesh
	Begum Hamida Siddique Collegiate School	Boria, Kushtia	Jul '13	CLC & SCR	Drs. Reshmi & Mahmood Siddique, USA
	Kotchandpur Boys High School	Kotchandpur, Jhenaidah	Jul '13	SCR	Atiar Rahman, USA
	Kotchandpur Girls High School	Kotchandpur, Jhenaidah	Jul '13	SCR	Atiar Rahman, USA
	Doulatpur High school	Patiya, Chittagong.	Jul '13	SCR	Md. Affan Kajmi
	Trimohini Girls High School	Keshabpur, Jessore	Jul '13	CLC	Tahsin Askar and SpandaanB, USA
	Baisa-Chandpur Secondary School	Keshabpur, Jessore	Jul '13	CLC	Tahsin Askar and SpandaanB, USA
	Pungali Model High School	Faridpur, Pabna	Jul '13	CLC	Tahsin Askar and SpandaanB, USA
	Deara Secondary School	Kalaroa, Satkhira	Jul '13	CLC	Tahsin Askar and SpandaanB, USA
	Aminur Rahman College (Old Model)	Sadar, Magura	Jul '13	CLC	Anisa and Shah Yunus, USA
	Faridpur Hitaishi Uccho Biddalay	Sadar, Faridpur	Jul '13	CLC	Anisa and Shah Yunus, USA
	Ekhlaspur High School	Matlab North, Chandpur	Jul '13	CLC	Tahsin Askar and SpandaanB, USA
288	Bahirdia High School	Fakirhat, Bagerhat	Jul '13	CLC & SCR	Muhammad Golam R, Shaikh, USA
289	BK Das Secondary Girls School	Sadar Satkhira	Jul '13	CLC	Tahsin Askar and SpandaanB, USA
290	Shatani Bhadra Collegiate School	Sadar Satkhira	Jul '13	CLC	Tahsin Askar and SpandaanB, USA
291	Samadar Para High School	Satkania, Chittagong	Jul '13	CLC & SCR	Mohammed Kamal, USA
292	Atia Union Adarsha Girls's High School	Delduar, Tangail	Jul '13	CLC	Tahsin Askar and SpandaanB, USA
	Yakubdondi H (Hulain) P (Piral) High school	Patiya, Chittagong	Jul '13	CLC & SCR	AZM Nasiruddin, Bangladesh
294	Palong Adarsha High School	Ukhuia, Cox's Bazar	Jul '13	SCR	Mr. Shafiul Alam
295	Noongola High School	Sadar, Bogra	Jul '13	SCR	Abu S Kamal, USA
296	Ullabari United High School	Rajoir, Madaripur	Jul '13	CLC & SCR	Swapan Kumar Gayen, USA
297	Alhaj Fazal Ambia High School	Ramu, Cox's Bazar	Jul '13	CLC & SCR	Tazin Shadid, USA
298	Mohammedpur High School	Raozan, Chittagong	Jul '13	CLC & SCR	Jamal Uddin, Humayun Morsshed & Manir, USA
299	Addhapak Ali Ahamad High School,	Khilgaon, Dhaka	Jul '13	CLC & SCR	Dr. Belayet H. Choudhury, USA
	Haidgoan High School,	Patiya,Chittagong	Jul '13	CLC & SCR	Dr. F.K' Shariff, Canada
	A.S. Rahat Ali High School,	Patiya,Chittagong	Jul '13	CLC & SCR	Dr. F.K' Shariff, Canada
	Fatenagar S. Nessa N. Uddin Girls High School	Chandanish, Chittagong	Jul '13	CLC & SCR	Dr. Faird Shariff, Canada
	Morzal High School	Raipura, Narsindi	Jul '13	CLC	APW, Canada
304	Phakal Police Line School, Lalmonirhat	Sadar, Lalmonrhat	Jul '13	CLC & SCR	Rotary Club of Dhaka, Bangladesh
	Ranigonj High School	Kapasia, Gazipur	Jul '13	CLC	Sentrana, USA
	Bhaberchar Wazir Ali High School	Gazaria, Munshigonj	Jul '13	CLC	Sentrana, USA
	Dakkhin Jamsa High School	Singair, Manikgonj	Jul '13	CLC	Sentrana, USA
	Vatpara NC Gupta High School	Panchdona, Narsindi	Jul '13	CLC	Sentrana, USA
	Bagmara High School	Nababgonj, Dhaka	Jul '13	CLC	Sentrana, USA
	Kuripaika High School	Sader, Patuakhali	Jul '13	CLC & SCR	Tahsin Askar and SpandaanB, USA
311	Imam Hossain High School	Nandail, Mymensingh	Jul '13	CLC	Tahsin Askar and SpandaanB, USA
	Pordia High School	Sadar, Faridpur	Jul '13	CLC	Afroz Zaman, USA
313	Mahim Institution	Sadar, Faridpur	Jul '13	CLC	Afroz Zaman, USA

ভিক্টোরিয়া উচ্চ বিদ্যালয়ে তথ্য প্রযুক্তি ও স্মার্ট ক্লাসরুম অয়ন চৌধরী*

প্রারম্ভিকা

স্মার্ট ক্লাসরুম, মাল্টিমিডিয়া ক্লাসরুম এই বিষয়গুলো একসময় আমাদের কাছে অপরিচিতই ছিল। ২০০৭ সালে আমেরিকার স্টেট ডিপার্টমেন্টের Teaching Excellence and Achievement program এর আওতায় মার্কিন যুক্তরাষ্ট্রে একটি স্কলারশিপ নিয়ে George Mason University তে পড়তে যাওয়ার এবং Arlington District এর Kenmore Middle School এ ক্লাস নেওয়ার সুবাদে আমার ব্যক্তিগতভাবে সুযোগ হয়েছিল স্মার্ট ক্লাসরুম, মাল্টিমিডিয়া ক্লাসরুম ইত্যাদির সাথে পরিচিত হওয়ার। তবে আমার ছোটবেলার স্কুল, আমার বর্তমান কর্মস্থল ভিক্টোরিয়া উচ্চ বিদ্যালয়ে আমার সহকর্মীদের নিকট এই বিষয়গুলো অজানাই ছিল। আমি ফিরে এসে তাদের আমার অর্জিত অভিজ্ঞতার কথা বলি। ২০০৯ সালে মহাজোট সরকার ক্ষমতায় এসে ডিজিটাল বাংলাদেশ গড়ার প্রত্য়ে ব্যক্ত করে। সময়ের পরিক্রমায় আমাদের এই ঐতিহ্যবাহী বিদ্যাপিঠে বাংলাদেশ কম্পিউটার কাউন্সিলের উদ্যোগে ৮টি কম্পিউটার নিয়ে ১টি কম্পিউটার ল্যাব স্থাপিত হয়।

এর কিছুদিন পর আমাদের স্কুলের শিক্ষার্থীদের জন্য আসে এক সুবর্ণ সুযোগ। নৃতন উদ্যোগে প্রতিষ্ঠিত হয় তু'টি স্মার্ট ক্লাসরুম। প্রথমটি ব্রিটিশ কাউন্সিলের অনুদানে Dnet এর উদ্যোগে স্থাপিত হয়। একটি ৪২ইঞ্চি এলইডি মনিটর, ল্যাপটপ, সোলার প্যানেল ও কম্পিউটার টেবিল, চেয়ার দেয়ার পাশাপাশি অত্র স্কুলের ৪জন শিক্ষককে ঢাকায় নিয়ে গিয়ে প্রশিক্ষণের ব্যবস্থা করা হয়। এক বছরের জন্য ব্রিটিশ কাউন্সিলের সৌজন্যে বিনামূল্যে ইন্টারনেট সংযোগ দেয়া হয়। এই ধরনের উন্নত প্রযুক্তির মাধ্যমে ক্লাস করার কথা জেনে ছাত্রছাত্রীদের মধ্যে ব্যাপক সাড়া পরে যায়। এ পর্যন্ত বিদ্যালয়ের ৬ষ্ঠ শ্রেণী থেকে ১০ম শ্রেণীর সর্বমোট ১৩৫৭ জন শিক্ষার্থী স্মার্ট ক্লাসরুমে ক্লাস করার সুযোগ পেয়েছে।

আমাদের অনুভূতি

আধুনিক শিক্ষা ব্যবস্থায় স্মার্ট ক্লাসরুমের প্রয়োজনীয়তা অপরিসীম। এ লক্ষ্যে আমাদের প্রশিক্ষণপ্রাপ্ত ৪জন শিক্ষক পর্যায়ক্রমে ডিজিটাল কনটেন্ট দিয়ে স্মার্ট ক্লাসরুমে ক্লাস নিতে থাকেন। তবে আমাদের ছাত্র সংখ্যার তুলনায় এ সুবিধা ছিল অপ্রতুল। মাধ্যমিক শাখায় ১৩৫৭ জন ছাত্র আমাদের। কাজেই আমাদের আরও স্মার্ট ক্লাসরুম প্রয়োজন। এমনি সময়ে পাচজন প্রাক্তন ছাত্রের সৌজন্যে ও Dnet এর সহযোগিতায় আমাদের স্কুলে দ্বিতীয় স্মার্ট ক্লাসরুম স্থাপিত হয়। এই প্রাক্তন ছাত্ররা হলেন: সুধাময় ভট্টাচার্য্য (১৯৬৩), নিহার রঞ্জন ভৌমিক (১৯৬৯), মোহাম্মদ আব্দুল কাদির (১৯৭৮), মানস লাল সোম (এসএসিস) ও অসীমাভ চৌধুরী তাপস (১৯৮১)। তাঁদের সকলের প্রতি আমরা ভিক্টোরিয়া স্কুল পরিবার (ছাত্র ছাত্রী, শিক্ষক শিক্ষিকা ও কর্মচারীবৃন্দ) কৃতজ্ঞ। তাঁদের এই অবদানের স্বীকৃতি স্বরূপ ম্যানেজিং কমিটির সভায় সর্বসম্মতিক্রমে ধন্যবাদ প্রস্তাব নেয়া হয়েছে।

শিক্ষক সমাজে স্মার্ট ক্লাসরুমের প্রভাব

স্মার্ট ক্লাসরুম বিদ্যালয়ের শিক্ষক সমাজে আলোড়ন সৃষ্টি করেছে, পাশাপাশি এই ধরনের ক্লাসরুমের প্রয়োজনীয়তা উপলব্ধি করে এর সঠিক বাস্তবায়ন নিশ্চিত করার লক্ষ্যে বিদ্যালয়ের শিক্ষক মহোদয়গণ বিভিন্ন ধরনের পরিকল্পনা হাতে নিয়েছেন। এই ধরনের ক্লাসরুম স্থাপনের ফলে শিক্ষকদের মধ্যে যে সকল প্রভাব পরিলক্ষত হয়েছে, তা নিম্নরুপঃ

- শ্রেণীকক্ষে মাল্টিমিডিয়া কন্টেন্ট ব্যাবহার করে শিক্ষার্থীদের পাঠদানে আগ্রহ;
- ডিনেট-এর দেয়া মাল্টিমিডিয়া কন্টেন্টের পাশপাশি নিজ উদ্যোগে ইন্টারনেট থেকে বিভিন্ন ভিডিও এবং ছবি সংগ্রহ করে
 নতুন কন্টেন্ট তৈরীর করা;
- প্রশিক্ষণপ্রাপ্ত শিক্ষকমন্ডলী ছাড়াও বিদ্যালয়ের অন্যান্য বিষয়ভিত্তক শিক্ষকদের মধ্যে স্মার্ট ক্লাসরুমে ক্লাস নেবার আগ্রহ:
- নতুন কন্টেন্ট তৈরী করার লক্ষ্যে শিক্ষকদের বিষয়ভিত্তিক জ্ঞান অর্জনের পাশাপাশি বর্হিবিশ্বের বিভিন্ন বিষয় সম্পর্কে জ্ঞান আহরনের সুযোগ সৃষ্টি।

ছাত্রছাত্রীদের মধ্যে স্মার্ট ক্লাসরুমের প্রভাব

কথিত আছে, গ্রামের ছেলেমেয়েরা সর্বক্ষেত্রে শহুরে ছেলেমেয়েদের তুলনায় সবসময় অনেকটা পিছিয়ে থাকে। কিন্তু বর্তমানে তথ্য-প্রযুক্তির ব্যবহার এই সকল ধারণাকে অনেকটা পাল্টে দিয়েছে। বিদ্যালয়ে স্মার্ট ক্লাসক্তমের ব্যবহার শিক্ষার্থীদের পাঠগ্রহনের ক্ষেত্রে খুবই গুরুপ্তপূর্ণ ভূমিকা পালন করছে। শ্রেণীকক্ষে মাল্টিমিডিয়া কন্টেন্টের ব্যবহার শিক্ষার্থীদের মধ্যে যে সকল প্রভাব ফেলেছে, তা নিম্নরূপঃ

- শিক্ষার্থীদের মধ্যে স্মার্ট ক্লাসরুমে ক্লাস করার প্রবল আগ্রহ। এ পর্যন্ত বিদ্যালয়ের ৬৯ শ্রেণী থেকে ১০ম শ্রেণীর সর্বমোট ১৩৫৭ জন শিক্ষার্থী স্মার্ট ক্লাসরুমে ক্লাস করার সুযোগ পেয়েছে:
- ডিনেট-এর দেয়া বিষয়ভিত্তিক চারটি বিষয়ে ক্লাস করার পাশাপাশি ছাত্রছাত্রীদের অন্যান্য বিষয়ের উপরে স্মার্ট ক্লাসরুমে ক্লাস করার প্রবল ইচ্ছা পোষন;
- শিক্ষার্থীদের মধ্যে বিষয়ভিত্তিক বিভিন্ন ধরণের কৌতূহল সৃষ্টি;
- মাল্টিমিডিয়া ক্লাসরুমে প্রদর্শিত যেকোন বিষয়ে সহজেই শিক্ষার্থীদের মধ্যে বোধগম্য হওয়া।

পূর্ব ও বর্তমান সময়ের মধ্যে পার্থক্য

ডিনেট, সিএলপি এবং বৃটিশ কাউন্সিলের সহযোগিতায় গ্রামের বিভিন্ন সুবিধাবঞ্ছিত বিদ্যালয়গুলোতে এই ধরণের কার্যক্রম পরিচালনা করার উদ্যোগ নেওয়ার বিষয়টা সত্যিই অকল্পনীয়। বর্তমান তথ্য-প্রযুক্তির যুগে সাধারণ শ্রেণীকক্ষের তুলনায় স্মার্ট ক্লাসক্রমের অবদান অপরিসীম। স্মার্ট ক্লাসক্রম ব্যবহারে ফলে পুর্বের তুলনায় শিক্ষার্থী এবং শিক্ষকদের মাঝে ব্যাপক পরিবর্তন লক্ষ্য করা গেছে। যেমনঃ

- স্মার্ট ক্লাসরুম স্থাপিত হবার ফলে শ্রেণীকক্ষে আগের তুলনায় শিক্ষার্থীদের উপস্থিতি অনেক বৃদ্ধি পেয়েছে;
- আগের তুলনায় শিক্ষার্থীরা ক্লাসে পাঠগ্রহনের প্রতি অধিক মনোযোগী হয়েছে;
- পুর্বের তুলনায় শিক্ষার্থীরা পাঠ্যবিষয়াবলী সহজেই অনুধাবন করতে পারে;
- শ্রেণীকক্ষে শিক্ষার্থীদের মধ্যে যে ভীতি বা জড়তা ছিল, সেটা আগের তুলনায় অনেকটা কমেছে এবং ছাত্র ও শিক্ষকদের মধ্যে একটা বন্ধুসুলভ পরিবেশের সৃষ্টি হয়েছে;
- পাঠ্যবইয়ের থেকে শিক্ষার্থীরা বর্তমানে বিষয়ভিত্তিক বিভিন্ন ভিডিও প্রদর্শনী (সৌরজগৎ, আহ্নিক গতি), বিভিন্ন ধরনের গেইম ও প্রাকৃতিক ছবি এই সব দেখে ক্লাস করতে খুবই উৎসাহ অনুভব করে;
- ভাল শিক্ষার্থীদের পাশাপাশি শ্রেণীকক্ষে একটু পিছিয়ে পড়া শিক্ষার্থীরাও বিভিন্ন বিষয় স্বতঃস্ফূর্ত অংশগ্রহন করছে:
- আগের তুলনায় শিক্ষার্থীরা পরীক্ষায় আশানুরূপ ফলাফল অর্জন করতে সক্ষম হচ্ছে;
- শিক্ষকদের মধ্যে ক্লাস ব্যবস্থাপনার দক্ষতা আগের চেয়ে এখন অনেক বেরেছে।

পরিসমাপ্তি

অত্র বিদ্যালয়ের পাচজন প্রাক্তন ছাত্রের কাছে আমরা কৃতজ্ঞ। উল্লেখ্য যে, আমরা তাদের নাম ও এসএসসি পাশের সন উল্লেখ করে একটি বোর্ড স্মার্ট ক্লাসক্রমে স্থাপন করেছি, যাতে করে বিদ্যালয়ের ভবিষ্যৎ প্রজন্মের ছাত্ররা এ সম্পর্কে জানতে পারে। আমরা বৃটিশ কাউন্সিল, বাংলাদেশ এসোশিয়েশন (জর্জিয়া) এবং ডিনেটকে ধন্যবাদ জানাই অত্র স্কুলের বঞ্চিত, দরিদ্র, কিন্তু উদ্যমী ছাত্রদের পাশে থাকার জন্য। স্মার্ট ক্লাসক্রমে ক্লাস করে ছাত্ররা যখন আনন্দের সাথে হাতে কলমে শিখতে পারে তখন আমাদের খুশির সীমা থাকেনা। সার্বিকভাবে বলা যায়, যদি তু'টি স্মার্ট ক্লাসক্রম থেকেই এমন আশাব্যঞ্জক সাড়া পাওয়া যায়, তাহলে সহজেই আরও অধিক সংখ্যক স্মার্ট ক্লাসক্রম থাকলে পুরো বিদ্যালয়ের শিক্ষা পরিবেশের ব্যাপক উন্নয়ন করা সম্ভব।

^{*} অয়ন চৌধুরী, প্রধান শিক্ষক, ভিক্টোরিয়া উচ্চ বিদ্যালয়, শ্রীমঙ্গল, ইমেইল: chy.ayan01@gamil.com, ফোন: ০১৭১২৩৫৩১২৪



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		du ons or compa	
Last Name	First Name or Company	City	St
Abdullah	Mohammed A.	Wappingers Falls	
Abid	Ruhul	Boston	MA
Ahachich	Emily	Edina	MN
Ahmad	Ziauddin	Monroe	NJ
Ahmed	Maleka	Hicksville	NY
Ahmed	Abdul Kader	Jackson Heights	NY
Ahmed	Akhtar	Jersey City	NJ
Ahmed	Fakruddin	Princeton Jct	NJ
Ahmed	Faquir Zia	Monroe	NJ
Ahmed	Jamal	Okemos	MI
Ahmed	Jashim	Woodbridge	NJ
Ahmed	Kazi	Morris Plains	NJ
Ahmed	Khondakar A.	Dayton	NJ
Ahmed	Mosleh-Uddin	Freehold	NJ
Ahmed	Mostaque	Huntington	NY
Ahmed	Mustaque	Wilton	СТ
Ahmed	Sabina	Aurora	IL
Ahmed	Sadeque	Rocky Hill	СТ
Ahmed	Saeed	Toms River	NJ
Ahmed	Saifuddin	Newport Coant	CA
Ahmed	Salahuddin	Cherry Hill	NJ
Ahmed	Shabbir	Monroe Township	NJ
Ahmed	Shahid	Monroe Township	NJ
Ahmed	Shaik Jamal	Morganville	NJ
Ahmed	Shakil	Princeton	NJ
Ahmed	Ziauddin	Wallingford	PA
Ahmed	Moin Uddin	<u> </u>	
Ahsan	Ali	Jamaica	NY
Ahsan	M.Q.	Waldwick	NJ
Ahsan	Mohammed K	Hillsborough	NJ
Ahsan	Nasimul	Jacksonville	FL
Ahsan	Nasimul	Jacksonville	FL
Ahsan	Quamrul	Tuxedo Park	NY
Akhand	Taher	Glastonbury	СТ
Akhand	Uzma	NY City	NY
Akter	Sahela	Dover	NJ
Alam	Mohammad	Scarsdale	NY
Alam	Mohammed Shah	Edison	NJ
Alam	Sajeda	Marlboro	NJ
Alam	Shamsul	Warren	NJ
Alam	Sultan	Holmdel	NJ
Bashar	Habibul	Lefinztar	MA
Begum	Momataz	Flemington	NJ
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Last Name		City	St
Alamgir	Md	Voorhees	NJ
Alam	Waqui	Havre De Grace	MD
	Shamsuddin	Fresno	CA
Alamgir Ali			
Ali	Asghar	W Long Branch	NJ TX
	Aynun	Plano	
Ali	Ayub	Keyport	NJ
Ali	Milia	Arlington	VA
Ali	Mir	Philadelphia	PA
Ali	Mohammad Tohammel	Secaucas	NJ
Ali	Nasim	Princeton	NJ
Ali	Parvin	Indianapolis	IN
Ali	Reazat	New Yorp	NY
Ali	Rejwan	Brooklyn	NY
AliChisty	Mohammed	Hillsborough	NJ
Al-Tariq	Zareen Milly	Middletown	NY
Amanullah	Mohammad	Edison	NJ
Amin	Mahmuda (Irani)	Englishtown	NJ
Amin	Najmun	Ledgewood	NJ
Amin	Samiul	Parlin	NJ
Amin	Shahina Amin (Jucy)	Cedar Falls	IΑ
Amrita	Jasia Ahmed	Parlin	NJ
Anam	Mohammad	Kendal Park	NJ
Anam	Sadrul	Kinnelon	NJ
Anwar	Mehdi	Storrs	СТ
Arefin	Dewan Shamsul	Piscataway	NJ
Arshad	Hosne (Tinku)	•	NJ
Ashraf	Syed	Kendall Park	NJ
Asjad	Moinuddin	Troy	MI
Awwal	Mohammad	Monmouth JCT	NJ
Azad	Abdul K.	East Greenbush	NY
Azam	Mohammad	Yardville	NJ
Azam	Shafiul	Matawan	NJ
Aziz	Sayeed	Moroetownship	NJ
Azmy	Mia	Skillman	NJ
Bagchi	Amitabha	Manalapan	NJ
Baidyaroy	Suprasad	Princeton	NJ
Bakar	S.K.	New York	NY
Bakar	Samsul	New York	NY
Bakar	Sermina	New York	NY
Banerjee	Arjit	Morristown	NJ
Bari	Raihana	IVIOITISCOVII	NY
Chowdhury	Riaz	San Antonio	TX
Chowdhury	Shahed	Piscataway	NJ
Chowanury	Onaneu	riscalaway	INJ

		r acrons or compa	
Last Name	First Name or Company	City	St
Begum	Monowara	Tappan	NY
Begum	Sultana	San Jose	CA
Bhowmik	Arun K.	East Brunswick	NJ
Bhowmik	Arun K.	East Brunswick	NJ
Bhowmik	Dulal	NY City	
Bhuyian	Abdul Aziz	Marlboro	NY
Bhuyian	Golam Farooque	Sayreville	NJ
Billah	Kashfia	Princeton	NJ
Billah	Motasim	Edison	NJ
Billah	Zafar	Kendal Park	NJ
Biswas	Jaishree	Edison	NJ
Bodapati	Sudhakar	Edison	NJ
Burhan	Mohammad	Bridgewater	NJ
Carroll	Maureen A.	Flushing	NY
Chandra	Rajat	Boonton	NJ
Chaudhury	Azam MD	Edison	NJ
Chaudhury	Seema	Nanuet	NY
Chaudhury	Shafqat	Hamilton	NJ
Choudhury	Ali Azam	Portsmouth	VA
Choudhury	Arham	Bellmont	NY
Choudhury	Belayet	Montgomery	NJ
Chowdhury	Anir	Marlboro	NJ
Chowdhury	Azam	Monmouth JCT	NJ
Chowdhury	Dalia	Cranbury	NJ
Chowdhury	Farooque Azam	North Brunswick	NJ
Chowdhury	Fazlur R.	Leesburg	VA
Chowdhury	Fazlur Rahman	Bardonia	NY
Chowdhury	Ibrul	Philadelphia	PA
Chowdhury	Jasia	Monroe Township	NJ
Chowdhury	Lutful	Westbury	NY
Chowdhury	Mahfuz R.	Uniondale	NY
Chowdhury	Mahmood	Rockford	IL
Chowdhury	Masud	Aurora	IL
Chowdhury	Mir H.	Wayne	NJ
Chowdhury	Munir	Hackettstown	NJ
Chowdhury	Muzibul Gani	Glastonbury	СТ
Chowdhury	Naseem	-	AU
Chowdhury	Reza		
Chowdhury	Rezbul	Arlington	MA
Haque	Tab	Bridgewater	NJ
Haque	Mohammad S.	Houston	TX
Harjani	Disha	Piscataway	NJ
Harun	Yeakub A.	Jackson Heights	NY
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terucy i re			- 0 :
	First Name or Company	City	St
Chowdhury	Shahriar	Plainsboro	NJ
Chowdhury	Shamsul	Naperville	IL
Chowdhury	Sharmin	Naperville	IL
Chowdhury	Waled H.	Bethpage	NY
Chowdhury	Zahanara	Hawthrone	NJ
Daley	Roshan Ara	Gaithersburg	MD
Das	Bidyut	Brooklyn	NY
Das	Santanu	Monroe	СТ
Dasgupta	Anupam	Freehold	NJ
Davis	Theodore	Jersey City	NJ
Debora Woo	d & Carolin	White Plains	NY
Dr. Sharrif		Carlgary	AB
Esufzai	A. Rahman	Rutherford	NJ
Eva	Sakkar	West Chester	PΑ
Farooque	Mohammad	Marlboro	NJ
Farooque	Preeti	Marlboro	NJ
Farooque	Pue	Marlboro	NJ
Faroque	Sheikh	Atlantic City	NJ
Farouk	Bakhtier	Cherry Hill	NJ
Fayemi	A. Olusegun	White Plains	NY
Ferdous	Zannatul	Philadelphia	PA
Feroz	Fatinaaz	Jackson Heights	NY
Gayen	Swapan Kumar	Marlboro	NJ
Gayen	Tapan K.	Greenville	NC
Gazi	Golam	Glastonbury	СТ
Ghaffar	Mohammed	New York	NY
Ghosal	Subir	Iselin	NJ
Goswami	Ganesh G.	Fairlawn	NJ
Hafiz	Mohammad A.	Toms River	NJ
Hai	Abdul	Englishtown	NJ
Hai	AKM	Harrison	NJ
Haider	Mohammed O.	Somerset	NJ
Hajra	Nurullah	Marlboro	NJ
Halim	Qazi	New Hyde Park	NY
Haque	Emdadul	Port Orange	FL
Haque	Hafizul	Bridgewater	NJ
Haque	Mohammad Reza	Randolph	NJ
Haque	Nazmul	Old Bridge	NJ
Haque	Monira	Edison	NJ
Huda	Shamsul	Marlboro	NJ
Huda	Sharin	Marlboro	NJ
Huq	Abhik A.	Lawrenceville	NJ
Huq	Abu Shamsul	Plainsboro	NJ

		r da ons or compe	
Last Name	First Name or Company	City	St
Hasan	M. Sayeed	Havre De Grace	MD
Hasan	Moinul	Qatar	UAE
Hasan	Rashid	Duluth	MN
Hasan	Shameem	Hockessin	DE
Hasan	Syed	Naperville	IL
Hasan	Ziaul	Sayerville	NJ
Hashem	Mohammed	Brooklyn	NY
Hasib	Rukhsana	Holland	PΑ
Hassan	Jamiul	East Brunswick	NJ
Hassan	Mahmud	East Brunswick	NJ
Hassan	Sakib	Hillsborough	NJ
Hassan	Zahidul	Lowell	MA
Helaly	Mian	Skillman	NJ
Helaly	Shabbir	Skillman	NJ
Hoque	Azharul	Matawan	NJ
Hoque	Ekramul	West Babylon	NY
Hoque	Mahbubul	Bel Air	MD
Hoque	Nabila	Randolph	NJ
Hoque	Nasima	Randolph	NJ
Hoque	Sagar	Randolph	NJ
Hora	Sukanta D.	Paterson	NJ
Hossain	Akhtar	New Hyde Park	NY
Hossain	Anjum	Pittsburgh	PA
Hossain	Ashfaq	Berekely Heights	NJ
Hossain	Hamida	Middletown	NJ
Hossain	Iftekhar	Princeton Jct	NJ
Hossain	Khurshid (Lucy)	Middletown	NJ
Hossain	Mehreen	Middletown	NJ
Hossain	Mohammad	Exton	PA
Hossain	Monowar	Middletown	NJ
Hossain	Mosaddeque	Hillsborough	NY
Hossain	Naznin	Hillsborough	NJ
Hossain	Sadruk	New Hyde Park	NY
Hossain	Selina	Matawan	NJ
Hossain	Shohrab	Corona	NY
Hossain	Talat	Marlboro	NJ
Hossain	Zaki	Long Island	NY
Kabir	Iqbal	Aurora	IL
Kabir	Lubna	Bridgewater	NJ
Kabir	Mohammed G.	Parsipanny	NJ
Kabir	Nahid	Morristown	NJ
Kabir	Tito	Bolingbrook	IL
Kabir	Zoghlul	Morristown	NJ
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Lead Marie		0''	04
	First Name or Company	City	St
Huq	M. Shamsul	Howell	NJ
Huq	Mohammad Altaful	Piscataway	NJ
Huq	Mozzammel	Queens	NY
Huq	Muhammed	Wall	NJ
Huq	Rubab Ferdous	Troy	MI
Huq	Shah M. Ikramul	Edison	NJ
Huq	Sirajul	Ocean City	NJ
Huq	Syed Rezwan		
Huque	Khondakar Azizul	West Babylon	NY
Husain	Murad	Murray Hill	NJ
Hussain	lqbal	Short Hills	NJ
Hussain	Iffat	Monmouth JCT	NJ
Hussain	Mohammed Talat	Marlboro	NJ
Hussain	Musaddeq	Princeton	NJ
Hussain	Nayeem	Monmouth JCT	NJ
Hussain	Rahat	Hicksville	NY
Hussain	Talat	Marlboro	NJ
lftikhar	Ali	North Bellmore	NY
Islam	Aminul	Edison	NJ
Islam	Faizul	Houston	ΤX
Islam	Mazharul	East Brunswick	NJ
Islam	Md. Rezwan	Lombard	IL
Islam	Mohamed R.	Dayton	NJ
Islam	Mohammed	Morris Plains	NJ
Islam	Muhammad	South Windsor	СТ
Islam	Naushad	Kendall Park	NJ
Islam	Nazrul	Dixhill	NY
Islam	Seraj	Yonkers	NY
Islam	Sharmila	Aberdeen	NJ
Islam	Sohel	Bethel	СТ
Islam	Syful	White Plains	NY
Islam	Tarikul	Lawrenceville	NJ
Ismat	Jahan	Naperville	IL
Jahan	Kauser	Sickerville	NJ
Jalal	Syed	Leonia	NJ
Jamil	Arshad	Boonton	NJ
Kabir	Bobby	Shepherds Town	WV
Lodhi	Tajul	Edison	NJ
Madhwadia	Girish		
Maglio	Frank	North Brunswick	NJ
Mahmood	Burhan	Bridgewater	NJ
Mahmood	Shah Jahan	Washington DC	
Mahmood	Subrina	Neptune	NJ

Last Name	First Name or Company	City	St
Kadakia	Shimul	Basking Ridge	NJ
Kader	Abdul	Ozone Park	NY
Kalam	Muhammad	Plano	TX
Kamal	Abu Sayeed	Woodbridge	NJ
Kamal	Mostafa	Freehold	NJ
Kamal	Murtaza	Pueblo	CO
Kamal	Mustafa	Livingston	NJ
Kamal	Sheikh	Wallington	NJ
Kar	Amalendu	Burlington Twnsp	NJ
Karim	Ahsanul	East Windsor	NJ
Karim	M.R.	Wayside	NJ
Karim	Mohammad	Pleasantville	NY
Kazi	Abdul	Ellicott City	MD
Kazi	Abedin		NJ
Khair	Mahmud	Aurora	IL
Khan	Afzal	Dayton	NJ
Khan	Amzad	Edison	NJ
Khan	Dewan S.	Marlboro	NJ
Khan	Eakub	Jackson Heights	NY
Khan	Emdad	San Jose	CA
Khan	Ferdous	College Point	NY
Khan	Imran		NY
Khan	Mahbubur	Nee Hyde Park	NY
Khan	Mahmudul Huq	Towaco	NJ
Khan	Monica	Los Angeles	CA
Khan	Naila	South Orange	NJ
Khan	Nargis		
Khan	Nilufa N.	Edison	NJ
Khan	Romel	Marlboro	NJ
Khan	Sitara	Saratoga	CA
Khan	Subarna	Hillsboro	NJ
Khan	Wahid S.	Belleville	NJ
Khandker	Rezaul	Phoenixville	PA
Khondker	Sufian	Holliswood	NY
Khoshnu	Esha	Orange	NJ
Pagoumain	David	Edison	NJ
Park	William	Astoria	NY
Parvin	Tahmina	Lancaster	PA
Pasha	Rafique	Plano	TX
Passi	Rakesh	East Brunswick	NJ
Pathan	Aftab	Piscataway	NJ
Paul	Pradip	Cranford	NJ
Prabhakar	N.D.	Marlboro	NJ

Last Name	First Name or Company	City	St
Mainuddin	First Name or Company Mohammed	City Lodi	NJ
		Parlin	NJ
Majumdar Malik	Papia		
	Anjum	Middletown	NJ
Mamun	Al Karai	Marlboro	NJ
Mamun	Kazi	Belle Mead	NJ
Maniky	Mian	Brooklyn	NY
Maniky	Zinat	Brooklyn	NY
Mansor	Azra	Fort Lee	NJ
Mansur	Iqbal	West Chester	PA
Masud	Abu	Wichita	KS
Mate	Neil	Brooklyn	NY
Mathbor	Golam	Neptune	NJ
Melow	David, J.	Jacksonheights	NY
Mesbahuddii		Woodside	NY
Mia	Azmy		NJ
Mohiuddin	Mohammad	Marlboro	NJ
Mohsen	Farrukh	Cranbury	NJ
Mohsen	Paulash	Cranbury	NJ
Mohsen	Pia	Cranbury	NJ
Momin	Mohammed	Marlboro	СТ
Mowla	Robbie	Farmingdale	NJ
Mukul	Chowdhury	New York	NY
Munir	Syed	Edison	NJ
Musaddeq	Hussain	South Brunswick	NJ
Muttalib	Khandker A.	Gainesville	FL
Nabi	Mush	Cranbury	NJ
Nabi	Nuran	Cranbury	NJ
Nabic	Abu	Gathersburg	MD
Nag	Jayanta K.	Cheshire	СТ
Nahar	Nurun	Marlboro	NJ
Nakib	Evan	Ruston	LA
Naser	Kamrul	Somerset	NJ
Nayeem	AFM Abdun	Glastonbury	СТ
Noaz	Golam G.	Ocean	NJ
O'Neil	Eugene	Cranford	NJ
Serazi	Masum	Edison	NJ
Shadid	Tazin	Seatle	WA
Shahabuddir		Lincroft	NJ
Shahanahan	William	Hollis	NY
Shahriar	Salauddin	Harrisburg	PΑ
Rahman	Shelly	Broomall	PA
Rahman	Siddiqur	Lawrenceville	NJ
Rahman	SK Mafizur	Bronx	NY

		r atrons or compa	
Last Name	First Name or Company	City	St
Pramanik	Birendra	Parsipanny	NJ
Putul	Roksana	Morganville	NJ
Quabili	Ahmadur	Houston	TX
Quaderi	Masurur Ali	Jamaica	NY
Quaderi	Serajjus	Marlboro	NJ
Quadry	Mian	Brooklyn	NY
Quazi	Shahreen	Boston	MA
Rafiq	Shuvo	Princeton	NJ
Rahim	Abdur	Brooklyn	NY
Rahman	Abidur	Augusta	MI
Rahman	Anisur	Mendham	NJ
Rahman	ATR	Irvington	NY
Rahman	Azizur		NY
Rahman	Dewan	Ewing	NJ
Rahman	Lutfur	Ocean	NJ
Rahman	M. Dalil	Flemington	NJ
Rahman	Mahfuzar	Jersey City	NJ
Rahman	Mizanur	Lake Success	NY
Rahman	Mohammad	Dallas	TX
Rahman	Mohammad Aminur	Jersey City	NJ
Rahman	Mohammad Habibur	Jamaica	NY
Rahman	Mohammed	North Bellmore	NJ
Rahman	Monjour	Tuxedo Park	NY
Rahman	Moshiur	Marlboro	NJ
Rahman	Muhammad	Brooklyn	NY
Rahman	Muhit	Cincinatti	ОН
Rahman	Mushfiqur	Melbourne	AU
Rahman	Pavel	Toronto	ON
Rahman	Rasheq		NY
Rahman	Rummana	Piscataway	NJ
Rahman	Sayedur	Bristol	CT
Rahman	Shahidur	Ozone Park	NY
Rahman	Sheikh	Wharton	NJ
Shaikh	Badrud	Jamaica	NY
Shaikh	Muhammad G.R.	Middletown	NY
Shajahan	Shaju	Cleveland	ОН
Shajahan	Sharmin	Chicago	ОН
Shakil	Sheikh M.	Old Bridge	NJ
Shamim	Noor	Milford	PA
Shamsuddin	Abul	Howell	NJ
Shamsuddin		Howell	NJ
Shamsun	Farooque	Marlboro	NJ
Shekalus	William	Mount Kisco	NY

	First Name or Company	City	St
Rahman	Sk Ziaur	South Windsor	NJ
Rahman	Syed Munir	Edison	NJ
Rahman	T. Mohammad	Dallas	NJ
Rahman	Waliur	Lakewood	NJ
Rahman	Rafique Khan	West Orange	NJ
Rahman	Shahidur R.	West Grange	NY
Rashid	Abdur	Lawrenceville	NJ
Rashid	Aminur	Howell	NJ
Rashid	Malik Mahbubur	New Haven	CT
Riad	Aziz	Bartlett	IL.
Ripon	Nazrul Islam	Bayshore	NY
Roy	Ajit	Cranford	NJ
Roy	Kiran Kumar	Queens	NY
Roy	Sumit	Bridgewater	NJ
Rozario	Liberatus D.	Princeton JCT.	NJ
Ryhan	Ismail	Toms River	NJ
Sabri	M. Zaki	Brooklyn	NY
Sahjalal	Mohammad	Kew Garden	NY
Saif	Muhammad Taher A.	Champaign	IL
Salahudin	Shahriar	Mechanicsburg	PA
Salam	Monzura	Aurora	IL
Saleh	Javed	Skillman	NJ
Salekin	Serajus	Marlboro	NJ
Samad	Anwar	New York	NY
Sarkar	Arun	Dayton	NJ
Sarker	Abdul Qayyum	Colonia	NJ
Sarker	Samir Kanti	New Hyde Park	NY
Sattar	Wasif	Monroe Township	NJ
Sayeed	Fakrul	Voorhees	NJ
Sayeed	Hasan	Marlboro	NJ
Sayeed	Zulfiquar	East Windsor	NJ
Sen	Shyamal	Dayton	NJ
Sengupta	Ashim	Califon	NJ
Wood	Deborah	White Plains	NY
Yunus	Shah	Pittsburgh	PA
Yusuf	Mohammed	Edison	NJ
Zaman	Farhat	Hicksville	NY
Zaman	KBM	Cleveland	ОН
Zaman	Khairul	North Royalton	ОН
Zaman	Mohammad	Marlboro	NJ
Zaman	Mohammad. Q	Elmont	NY
Zaman	Monir	Rochester Hills	MI
Zaman	Sabrina	Naperville	IL

Last Name	First Name or Company	City	St
Shurawardi	Ghulam	Coltsneck	NJ
Shyed	Khondaker	Neptune	NJ
Siddique	Shamsul	Brooklyn	NY
Siddique	Yousuf	Greenvale	NY
Siddiqui	Faruq Mahmud Anam	Wallingford	PA
Siddiqui	Kaihan	Cliffside Pk	NJ
Siddiqui	Mahmud	Lawrenceville	NJ
Siddiqui	Reshmi	Lawrenceville	NJ
Siddiqui	Saiful	East Brunswick	NJ
Sikdar	Abdus	North Bellmore	NY
Sikdar	Hironmony	Voorhees	NJ
Soni	Robindra		
Sultan	Alam	Holmdel	NJ
Sultan	Idris	Carrolton	ΤX
Sultana	Shirin	Cranbury	NJ
Sultana	Shirin	Plainsboro	NJ
Syed	N. Zaman		
Taher	Muhammed	Champaign	IL
Talukdar	Shamsuzzoha	Holmdel	NJ
Tarafder	Habib	Edison	NJ
Tariq	Quazi Al	Middletown	NY
Tasneem	Sarah	Storrs	СТ
Toha	Abul K.M.	Los Angels	CA
Uddin	Mohammad Abbas	Voorhees	NJ
Uddin	Moin	Edison	NJ
Uddin	Nancy	Tinton Falls	NJ
Uddin	Shams	Trenton	NJ
Ullah	Saadi	Randolph	NJ
Ullah	Zafar	San Jose	CA
Wahab	Atiya	Wrightstown	NJ
Warsi	Ghulam	Randolph	NJ
	Western Capital Mortgage, Inc.	Woodside	NY
	Worldwide Travel Services	New York	NY
	Y & J Realty	Astoria	NY

Last Name	First Name or Company	City	St
Zaman	Syed	Morganville	NJ
Zeb	Afnan (Aditi)	Marlboro	NJ
Zevallos	Manuel	Woodhaven	NY
Ziauddin	Abu	Somerset	NJ
	Solomon Insurance Agency	New York	NY
	Spandaan_B	Santa Clara	CA
	SSNT Real Estate & Mgt Inc.	Jamaica	NY
	Terry Liebman, Dental Excellence	Brooklyn	NY
	The Morton Foundation	Manhattan	NY
	The Print Shoppe	Aberdeen	NJ
	Todd A. Cohen, ESQ	Freehold	NJ
	Horizon Staffing Services	East Hartford	СТ
	IH Engineers	Princeton	NJ
	Imdad Sitara Foundation	Saratoga	CA
	Inman Dental Care, PC	Edison	NJ
	Innovative Technology Solutions, Ir		NJ
	KS Engineers	Newark	NJ
	Lata R. Shah	Edison	NJ
	Metlife Metroplois Financial Group		NY
	Montgomery Driving School	North Brunswick	NJ
	NABIC	Oakridge	TN
	Napco LLC Operations Acct	Edison	NJ
	New York Mortgage Company	Jackson Heights	NY
	NYMC	New York	NY
	Our House Restaurant	Farmingdale	NJ
	Salam & Associates	Brooklyn	NY
	SBLI USA Mutual Life Ins.Co., Inc	New York	NY
	Sentrana	Washington D.C.	US
	Shalimar Restaurant	Atlantic City	NJ
	Sign Media International	Woodside	NY
	Unique Dental Care	Jackson Heights	NY
	UTC Associates	New York	NY
	Wells Fargo Home Mortgage	Jackson Heights	NY
	West Side Medical Center	New York	NY

Retirement

(With apology to Jibanananda Das)

Three score years and seven I have wandered upon the Earth From Bagerhat, Barisal amid rain and shine to Khulna and Dhaka, Much have I wandered; Waterloo, Storrs, Marlboro and in the Atlantic shores

There I have been; further off in Japan and Europe to attend the call of work;

Workaholic I am, streams of work flow all around Fuel cell research and development kept me busy for three decades.

The fields and ponds of Baitpur, the greens of Bengal Call me; eager faces of underprivileged children Catch my imagination. Computer Literacy asks, "Where have you been for so long?"

I get direction for a new course of action.

At the end of working days with a call to give back Comes CLP; the car reduces the turnings of its wheels; When all the planning and meetings of office are over, Renu makes arrangement

For a home full of love and care, reminiscence and playing at cards; All endeavors are disciplined; all busy works come to an end, What remains is leisure and time for Shamsun Nahar.

অবসবন •

(জীবনানন্দ দাশের কাছে ক্ষমা প্রার্থনা করে)৽

তিনকুড়ি সাত বছর ধরে আমি শখ ঘাঁটিতেছি শৃখিবীর পথে, বাগেরহাট বরিশাল খেকে রোদে আর জলে খুলনা ঢাকা শহরে, ° অনেক ঘুরেছি আমি; ওয়াটারলু, স্টর্স, মার্লবোরো আর আটলান্টিক তীরে, সেখানে ছিলাম আমি; আরো দূর জাপান আর ইউরোপে কাজের তাগিদে, আমি কর্ম-পাগল প্রাণ, ঢারিদিকে কাজের স্রোত বহমান, আমারে তিন দশক ব্যস্ত রেথেছিল ফুয়েল সেল উদ্ভাবন। °

বৈটপুর গ্রামের মার্ঠ আর ঘাট, বাংলার শ্যামল নিসর্গ তবু মোর ডাকে কাছে; পুবিধাবঞ্চিত কিশোর-কিশোরীর উৎসুক মুখ তাসে চোথে; কম্পিউটার সাক্ষরতা ডেকে বলে, এতদিন কোখায় ছিলেন? আমি গাই জীবনের আর এক গখ নির্দেশ। ত

কর্মজীবল শেষে ফিরিয়ে দেবার আয়ান নিয়ে ° সি.এল.পি আসে; চাকার ঘূর্ণনমাত্রা কমিয়ে ফেলে গাড়ি; অফিসের সব প্লানিং মিটিং মিটিং শেষ হল হলে রেণু করে আয়োজন ° প্লেহসুধা মাথা গল্প-ভাস থেলায় ভরা এক বাড়ি; সব উদ্যোগ সংহত হয়, ফুরায় ব্যস্ত সব কাজের বাহার ° থাকে শুধু অবকাশ, মুখোমুখি বসিবার সামছুন নাহার। °



We sadly inform you that Mr. Sirajul Haque, an active ambassador and a volunteer of the Computer Literacy Program passed away on July 11, 2014 in Houston, Texas. He valiantly fought cancer for nearly tenyears and finally succumbed to complications arising thereof. Siraj is survived by his loving wife, Suraiya (Paula) and two daughters, Shoma and Shaila, as well as two grandchildren. Mortal remains were placed to rest in the Forest Lawn Cemetery,

8701 Almeda Genoa Rd, Houston, Tx-77075. ...

Siraj had an easy-going, quick-witted personality and was a much-admired by his friends. After graduation from BUET in 1969, he served in the Karnafuli Paper Mills until 1975 when he immigrated to the USA. He settled in Houston and worked as a Chemical Engineer with Amoco-Inc. until retiring in 2000. Throughout the years Siraj was active with volunteer works for Bangladesh. He volunteered for CLP in the Houston area and helped to set up six computer literacy centers in different parts of Bangladesh. Siraj leaves behind a host of admiring CLP colleagues who pray for the salvation and eternal peace of his departed soul





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Volunteers Association for Bangladesh (VAB): Devoted to Quality Secondary Education in Rural Bangladesh

Education is *sine qua non* for the socio-economic development of a modern developing nation. While primary education raises the literacy of the population and establishes the foundation for human resource development, it is secondary education that builds upon that foundation and realizes human resource development. A resource-poor country like Bangladesh which is 194th in the world in per capita GDP can lift itself up only by utilizing its human resources. In fact, secular secondary education is the only means by which an emerging economy like Bangladesh can reap the benefits of the green dividend; otherwise, a low-income country with a large youth population runs the risk of a tumultuous future.

Yet, it is only recently, after years of neglect, secular secondary education is receiving recognition in government policies and NGO initiatives in Bangladesh. The country has lately made remarkable progress in primary education (Class I to Class V), but less than 50% students leaving the primary level enrolls in secondary education and an alarmingly lower percentage ultimately completes the secondary level successfully. Both access and quality are central issues in secondary education in Bangladesh. But very little attention is being paid to quality. Expert analysis, including a recent World Bank report, highlighted the critical need for quality education for qualified manpower development necessary for the growth of the economy.

Classes VI to XII comprise the secondary level of education; in Bangladesh, schooling from Class VI to Class X is generally considered high school education. There are nearly 19,000 high schools in Bangladesh; only 1.74% of the schools are government schools, the rest nongovernment. For most of these nongovernment schools, the government provides extremely limited assistance. 82% of the high schools in Bangladesh are in rural areas, which is no surprise considering that the population is predominantly rural. Almost all rural high schools are non-government schools.

The realities of high schools in Bangladesh, in particular in rural areas, remain stark. They suffer from major problems, impeding both access and quality, especially quality learning and quality of teaching: not enough stipends to the very poor students; high dropout rate; poor language skill of students; absence of well-rounded development and civic values; insufficient teacher's salary; poor subject knowledge amongst teachers; lack of improved teaching methods; inadequate science lab and computer lab; decreasing number of students in science education; lack of library facilities and books; lack of access to the Internet and other ICT based studying opportunities; 60 or more students in each classroom; inadequate school infrastructure, etc.

It is the critical importance of secular high school education for Bangladesh's development, the real threat that lacking such education the youths teeming in the rural areas may feel shut off from entering the modern economy and hence may become frustrated and disruptive, and the crying need for improving rural secondary education that led a few non-resident Bangladeshis (NRBs) and their American friends to establish a 501(c)(3) charity organization in 1998. Volunteers Association for Bangladesh (VAB) was thus born, solely devoted to secular secondary education in rural Bangladesh, and the mission has now been going on for a decade and a half. Every year VAB has helped an average of 40,000 boys and girls of needy families of the villages of Bangladesh obtain quality secondary education, and thus, enabled them to become economically productive members and socially responsible citizens of the nation.

Recently, computer education has become an integral part of education at all the levels – primary, secondary and tertiary. Having their focus on computer education for the needy youths of Bangladesh, a group of Bangladeshi expatriates and their non-Bangladeshi friends established an organization in 2004. From the outset, inspired by VAB's mission of human resource development in Bangladesh, the organization became associated with VAB as VAB-New Jersey. The two organizations complemented each other in the achievement of common goals. The new organization benefitted from the infrastructure and organizational facilities of the "parent" organization. The objective of the parent organization of human resource development was enhanced by combining secondary education and computer education.

By 2013, the new organization achieved sufficient maturity and ample foothold so that it became self-reliant. The original computer education enterprise called the Computer Literacy Program (CLP) was expanded to include the so-called "Smart Class" with computer-aided teaching. In 2014, thus, a spin-off from VAB ensued – VAB-NJ officially became a 501(c)(3) charity named "Computer Literacy Program Volunteers for Underprivileged"

VAB's Program From Day One, VAB was keenly aware that for a resource-poor organization like itself, whose situation is akin to that of the resource-poor nation, it is imperative that any measure it takes up must obtain maximum benefits from limited resources, following the biggest-bang-for-bucks principle of development. It also adopted a bottom-up approach of consulting with the schools and the communities to determine the most acute needs. Thus, long before the government developed the measure of providing stipends to needy students, VAB implemented its signature program of scholarships to high school students to cover all of their educational expenses. Strengthening preparedness for high school education and for achieving success was next in the list. Three stages of high school education called for preparedness in a critical way. Public examinations are held at the end of Class X (the Secondary School Certificate (SSC) exam) and the recently instituted Junior Secondary Certificate (JSC) exam at the end of Class VIII. Rural candidates are unprepared to take these exams because the quality of their education is poor. VAB thus started helping rural students through tutoring. Class VI is the first year of high school education after 5 years of primary education. The low quality of primary education in rural areas leaves the graduates unprepared for high school, especially in English and Math. VAB thus helps Class VI students through tutoring. Training rural teachers raises the quality of classroom teaching. Teachers' training thus became a third measure adopted by VAB. Finally, the lack of facilities like libraries and library books, science labs and equipment, computer capabilities, etc. is a severe limitation of the rural schools. VAB thus added school improvement as one of its measures.

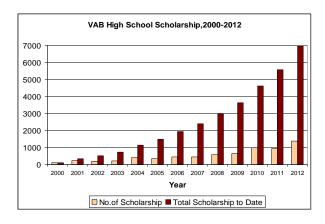
Over the years, based on its extensive experience of promoting secondary education in rural Bangladesh, VAB has recently developed and implemented an effective, affordable and replicable model to improve the quality of secondary education among the poor rural youths and to transform a rural school to a high quality school. VAB works with existing high schools under the existing education system because it believes that it can get the biggest bang for its limited bucks, collected annually from individual philanthropists, mostly expats and their friends. It chose to work with rural nongovernment high schools because it wished to concentrate on the most disadvantaged.

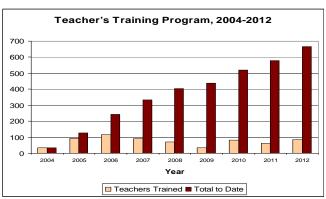
From its early days, as a result of its work with rural high schools and their students, it became apparent to VAB that quality secondary education in rural Bangladesh was only possible through the empowerment of students, teachers, schools and communities themselves to overcome the various impediments mentioned above. Building upon the proven effectiveness of its core programs, VAB developed three sets of empowerment programs.

Student Empowerment Programs consist of scholarships to poor students; tutoring of academically deficient students entering high school, i.e., at Class VI; tutoring of students at Class VIII and Class X before public examinations; and participation in extra-curricular activities. **School Empowerment Programs** include teachers' training, performance awards for teachers, professional day for teachers, headmasters' seminars and best performance school awards. Upgrading of science and computer labs and library facilities also fall in this category. **Community Empowerment Programs** are an innovative set of programs to ignite the interest of rural communities in education, and include projects to link the communities with the schools through parent-teacher meetings and alumni contacts. Schools are encouraged to develop relationship with the community through voluntary societal work by the students guided by the teachers.

The VAB model incorporates two innovative features. One feature is to involve teachers and headmasters along with members of school management committees, parents and students in the education improvement planning process through workshops, preparation of five-year plans, development of projects for generating funds from internal resources and creating endowment funds. This is intended to promote ownership, commitment to improvement and sustainability for future continuation of improvement programs. The other feature is the development of the "cluster schools" concept. Schools are selected in a cluster of five in close proximity of one another in a given area. Schools in a cluster can learn from one another, encourage themselves and impart the value of education in the community. Administrative costs of monitoring programs can also be minimized.

<u>VAB's Accomplishments</u> Over the past decade and a half VAB partnered with more than 100 rural high schools, provided scholarships to over 8,600 high school students, tutoring help to nearly 9,000 Class VI students and over 8,300 SSC candidates, training to about 750 rural teachers, library books

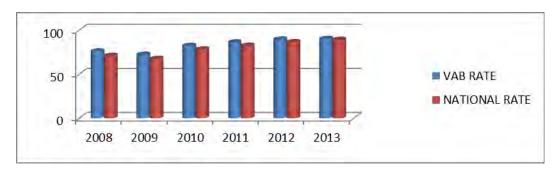




and science lab equipment to more than 60 schools, and computers and accessories to over 70 schools. The rising trends in this period aside (please see charts), the current numbers are noteworthy. Last year VAB awarded scholarships to 1,080 high school students, tutored 1,470 Class VI students and 1,254 SSC examinees, trained 74 teachers, improved 27 rural schools with library books and science lab equipment and gave 50 computers to 30 schools.

Looking at certain indicators, the VAB model is working. The success rate in the high school graduating SSC exam is a reasonable measure of its effectiveness. VAB schools are consistently achieving exceptionally high pass rates, in the range of 80%-90%. In 2013, the VAB-assisted 57 rural high schools scored 90.04% which is not only an outstanding rate, is also higher than the national average of 89.03%. In fact, in the last few years, the pass rate of VAB schools has been

consistently higher than the national average rate by 1 to 5 percentage points (see chart). These are remarkable accomplishments considering that the national average is dominated by better-equipped urban schools, with better trained teachers, and more affluent students. Children of poor rural families who did not have any hope of education beyond the primary level were able to graduate from VAB high schools with extraordinary success. In the Bangladesh economy, good high school education greatly enhances the potential of gainful employment. It can be argued that it is the effectiveness of the VAB model of modern and secular secondary education with emphasis on English, Mathematics, Science and Information Technology that attracted the attention of corporate donors like Dutch-Bangla and Chevron Bangladesh to VAB which awarded the first ever institutional grants to VAB recently. The 2-year \$140,000 Chevron grant in 2013 is for student and school empowerment programs in 13 secondary institutions in the Moulavibazar district.



Pass Rate in SSC Exam, National Average and Average of VAB Schools, 2008-2013.

<u>VAB's Capabilities</u> VAB, an NGO with a difference -- working under the existing education system with existing rural schools in Bangladesh with the help of funds primarily from individual philanthropists and of services mostly of dedicated volunteers -- has a mission to make a difference in rural education in Bangladesh and to make a difference in the lives of hopeless, helpless children of needlest families in the villages. VAB has two offices – headquarters in Irvington, NY, focusing on mobilizing funds and assisting in program development and executing office in Dhaka, Bangladesh, devoted to program delivery. In May this year, the Dhaka office has moved to its own premises. For longer term fund availability and stability in financing, VAB established an Endowment Fund in the U.S.A. and another in Bangladesh. VAB has a highly competent Board of Directors in the U.S.A. and a Board of Advisors in Bangladesh with eminent professionals and educators as members.

VAB currently covers less than one percent of the rural high schools in Bangladesh. The wider application of the effective VAB model and the broader achievement of its mission of quality rural education are dependent on increased availability of funds and voluntary services. Relying primarily on donations from individuals, averaging yearly \$100,000 since 2009 mostly from expatriates and their friends, and on voluntary services of a few persons, VAB has come a long way. It now needs a broader base of individual philanthropists and volunteers. It is already applying for institutional grants with some success, albeit limited. VAB looks ahead with hope that the goodwill of individuals and institutions will help it in the widest possible achievement of its mission.

For query or comment, please contact Dr. A T Rafiqur Rahman, President, arahman10@aol.com, 914-591-8635 in the U.S.A; Dr. Jasimuz Zaman, Country Director, zamanjasimuz@gmail.com, 01829-333-311 in Bangladesh.

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