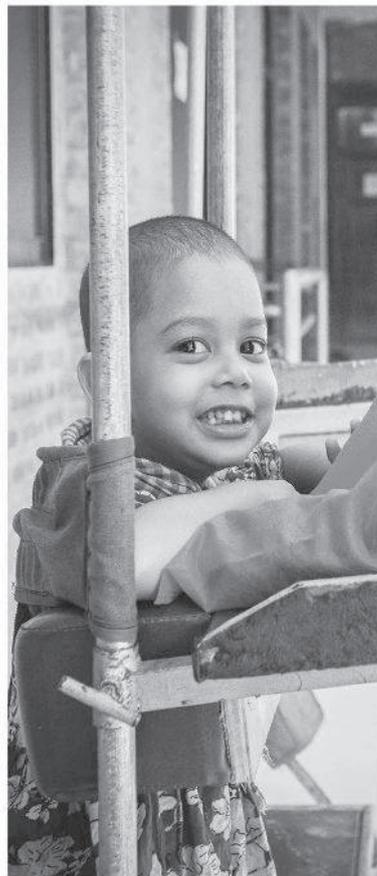


Celebrating  
37  
years

“Service to Sufferers is  
Service to God”



Annual Report  
2015-2016



A programme of Trust for the Rehabilitation of the Paralyzed (TRP)



## Our Vision

To ensure the inclusion of girls and boys, women and men with disabilities into mainstream society.

## Our Mission

To promote an environment where all girls and boys, women and men with disabilities have equal access to health, rehabilitation, education, employment, the physical environment and information.

## Our Core Values

Sensitivity  
Compassion  
Dignity  
Respect  
Collaboration  
Commitment to excellence

## OBJECTIVES

- To provide treatment, rehabilitation and support services focusing on physical, emotional, social, psychological and economical aspects.
- To promote the development of skilled personnel in health care and rehabilitation in the country and SAARC region.
- To develop Centres in different parts of the country to expand the services for persons with disabilities in collaboration with other organizations.
- To organize and promote programmes for the prevention of disability.
- To develop programmes for early identification, therapeutic intervention and education.
- To promote advocacy and networking on disability issues.
- To promote empowerment of girls and women with disabilities.
- To promote empowerment of persons with disabilities through community based services.
- To raise awareness about disability issues nationally, regionally and internationally.
- To conduct research consistent with the vision, mission and overall objectives of CRP.
- To promote sports and recreational opportunities for persons with disabilities.
- To promote collaboration opportunities nationally, regionally and internationally to share experience and expertise.

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“Let us continue to work together, hand in hand,  
to establish the rights of people with disabilities”

## MESSAGE FROM THE CHAIRMAN, TRP

---

As the Chairman of the Board of Trustees, every year it falls on me to write a few lines for the Annual Report. In doing so, I always feel pride. You will find in this Annual Report that CRP is growing and expanding its work and our services and campaigns are having positive impact on the lives of thousands of families. During the year from July 2015 to June 2016, we had many rewarding moments, and also were challenged by the enormity of the needs of persons with disabilities in Bangladesh.

In collaboration with its various partners at home and abroad, governments, NGOs, research institutions and the private sector, CRP is growing into a functional networking and pioneering rehabilitation centre for the Spinal Cord Injured Persons and this is supported by our valuable funding partners, friends of CRP and committed staff and associates. It gives me a great opportunity to thank you all.

Last but not the least, my request to all of you let us continue to work together, hand in hand, to establish the rights of people with disabilities in their families, community and in the country helping them to blend into the mainstream society.

A handwritten signature in black ink, appearing to read 'Muhammad Saidur Rahman'.

Muhammad Saidur Rahman  
Chairman  
Trust for the Rehabilitation of the Paralysed (TRP)



“Without the support of our donors and friends around the world our work would be greatly limited and so we look forward to your continued interest and involvement”

## MESSAGE FROM THE FOUNDER & COORDINATOR, CRP

---

Our partnership begins with our service users, CRP’s service providers working alongside them to achieve the best outcome of their treatment and rehabilitation possible. CRP has another very important partnership with the Trustee body of the Trust for the Rehabilitation of the Paralysed (TRP). Donors, whether they are individuals or agencies, form a further crucial partnership enabling the poor disabled person to receive treatment at the most subsidised rate that CRP can provide. Another year of partnership, with our service users, Trustees and our supporters comes to an end. We owe a great debt of gratitude to all those who read this Annual Report for their partnership, their interest and involvement in the work of the Centre for the Rehabilitation of the Paralysed (CRP).

One particular dark cloud has hung over CRP during this reporting year and it is the frightening increase in girls and young women presenting with a broken neck having been strangled by their scarf in the new design of taxi (known locally as easy bikes). The accident happens when the loose end of the scarf falls in the gap between the driver’s and the passenger’s seats becoming trapped in the motor and within seconds causing the scarf to tighten around the girl’s neck resulting either in immediate death or a cervical spinal injury. The remedy for this is very simple and involves blocking the gap between the seats but getting the message out (when there are thousands of these taxis in every district of the country) is proving daunting. It is a race against time and involves a continuous effort on the part of everyone at CRP to remove this “death trap” by simply covering it over to prevent any more of these horrific accidents in the future. Campaigns for the reduction of accidents therefore continue to be a most important activity in all the centres that CRP runs across the country.

Without the support of our donors and friends around the world our work would be greatly limited and so we look forward to your continued interest and involvement as we face the challenges of this year. We thank all those who pray for the work of CRP, who come personally to volunteer their services here and who donate regularly and generously to relieve the burden of those who are poor. We appreciate your help greatly.

*Valerie A. Taylor.*

Valerie Taylor  
Founder & Coordinator  
Centre for the Rehabilitation of the Paralysed (CRP)



“Working together, in the coming years we shall be able to develop appropriate facilities for the PWDs and empower them in all aspects of their life”

## MESSAGE FROM THE EXECUTIVE DIRECTOR, CRP

---

CRP is celebrating its 37th anniversary this year. With deepest gratitude we acknowledge the contributions of our donors, well wishers, service receivers and present and past colleagues who have helped to accomplish this remarkable journey. 2015–2016 has been another rewarding year at CRP with the meticulous guidance of trustees and generous support of all stakeholders and friends. We continue to break down barriers to help people with spinal cord injuries (SCI), amputees, cerebral palsy children and other physically challenged persons to have affordable services at CRP and meaningful community integration.

We have continued our endeavour to build unique partnerships with government and private organisations resulting in new services and resources for the persons with disabilities (PWDs). During the year we have faced many concerns and challenges which impacted our services. Notable to mention was the security issue and increased number of accidents resulting in a higher number of traumatic SCI cases. But with your blessing and encouragement we have moved forward with more services for the beneficiaries.

This report reflects our various available services, achievements and notable events. The CRP family has worked tirelessly for these results and to fulfil its vision, mission and beneficiaries aspiration. We extend our heartfelt thanks to a wide range of organisations and individuals, including the Government for sharing the common goal of building a true inclusive society. Working together, in the coming years we shall be able to develop appropriate facilities for the PWDs and empower them in all aspects of their life.

A handwritten signature in black ink, appearing to read 'Shafiq ul Islam'.

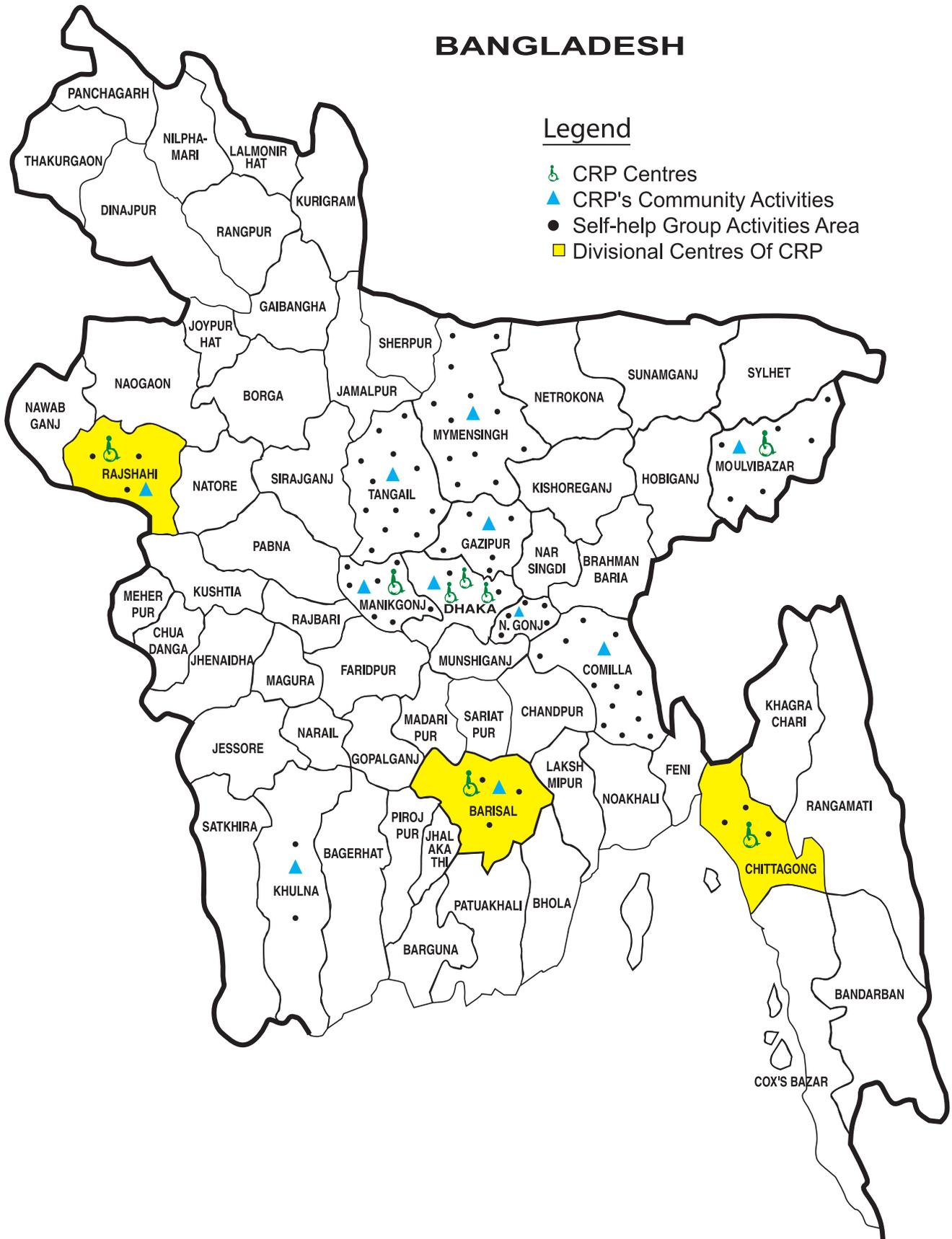
Md. Shafiq ul Islam  
Executive Director  
Centre for the Rehabilitation of the Paralysed (CRP)

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## 2. CRP Activities



### 3. CRP at a Glance

#### CRP Services

Medical Services  
Physiotherapy  
Occupational Therapy  
Speech and Language Therapy  
Special Seating  
Prosthetics and Orthotics  
Wheeled mobility aids and assistive devices

#### Human Resources

Total staff (64 of whom have physical disabilities, the Prottoy group) 1022  
Male 560  
Female 462

#### Income Generating Activities

Real estate rental  
Printing press  
Wood workshop  
Metal workshop  
Plant nursery  
Compost production  
Mushroom cultivation  
CRP-Aware shop  
Cafeteria  
Recycled Paper Technology  
Pharmacy  
Social business

#### CRP Centres

CRP-Savar, Dhaka  
CRP-Mirpur, Dhaka  
A.K. Khan-CRP, Chittagong  
Afsar Hussain-CRP, Rajshahi  
CARSA Foundation-CRP, Barisal  
CRP-Ganakbari, Dhaka  
CRP-Moulvibazar  
CRP-Manikganj  
CRP-Nawabganj  
CRP-Gobindapur, Moulvibazar

#### Academic Activities

##### Bangladesh Health Professions Institute Programmes/Courses

Master of Physiotherapy (MPT)  
Master of Rehabilitation Science (MRS)  
B. Sc. in Physiotherapy  
B. Sc. in Occupational Therapy  
B. Sc. in Speech and Language Therapy  
Diploma in Medical Technology-Physiotherapy  
Diploma in Medical Technology-Occupational Therapy  
Diploma in Prosthetics and Orthotics  
Diploma in Medical Technology-Laboratory Medicine  
Diploma in Medical Technology-Radiology & Imaging  
Certificate in Education (Special Education)  
Occupational therapy Assistant  
Physiotherapy Assistant

##### Proposed Programmes

Master of Occupational Therapy (MOT)

##### William and Marie Taylor Inclusive School

Inclusive Education Unit (IEU)  
Special Education Needs Unit (SENU)

##### CRP Nursing College

B.Sc. in Nursing  
Diploma in Nursing

##### CRP Madhab Memorial Vocational Training Institute

Computer Office Application  
Electronics Repair  
Dress Making & Tailoring  
Shop Management  
Linking Machine Operator  
Industrial Sewing Machine Operator  
Bee keeping  
Mushroom cultivation

#### Annual Expenditure

426,946,793 Bangladeshi Taka (BDT)

## CRP Timeline: Major Events

### Year    Event

- 1979    CRP is established in the grounds of Shaheed Suhrawardy Hospital, Dhaka
- 1981    CRP is shifted to a rented house in Dhanmondi, Dhaka
- 1986    CRP moves, once more, to a rented accommodation in Farmgate, Dhaka
- 1990    CRP finally moves to Savar, the present Head Office
- 1992    Bangladesh Health Professions Institute (BHPI) is launched
- 1992    2 Year PTA and OTA courses are initiated
- 1993    Permanent construction begins at Savar
- 1993    A "Special Needs School (SENU)" commences in the grounds
- 1994    Community Based Rehabilitation (CBR) programme is initiated
- 1995    A branch of CRP is opened in Gobindapur, Moulavibazar District
- 1995    CRP introduces Paediatric Services
- 1995    3-Years Diploma Courses in Physiotherapy and Occupational Therapy are offered at BHPI
- 1997    Construction of the surgical theatres completed
- 1997    First students are enrolled in CRP's Rehabilitation Nursing Course
- 1998    CRP-Savar is officially inaugurated by the present and then Prime Minister Sheikh Hasina
- 1998    Completion of the construction of CRP-Ganakbari's main building and hostel
- 1998    Commenced construction of CRP-Mirpur Building
- 1999    "Special Seating Unit" is introduced with the support of "Motivation, UK"
- 1999    Telemedicine Link for Bangladesh is established at CRP
- 1999    Dhaka City Centre is founded at Mohammadpur, Dhaka
- 2001    Inauguration of CRP-Ganakbari by the Norwegian Ambassador, GerdWahlstrom
- 2003    Inauguration of CRP-Mirpur where a generous contribution from the Kadoorie Charitable Foundation covered 50% of the costs of the 13 story building
- 2003    Mrs. Raihana Mahbub donates a piece of land in Manikgonj to establish another CRP branch for vocational training expansion
- 2004    B.Sc. in Speech and Language Therapy Course is offered at BHPI
- 2004    Mrs. Leena Alam donates CRP a 2-storey building on 15 decimals of land in Nawabgonj
- 2005    Domiciliary service is introduced at CRP-Mirpur
- 2005    CRP introduces Prosthetics and Orthotics unit with the help of the International Committee of the Red Cross (ICRC) Special Fund for the Disabled (SFD)
- 2011    Physiotherapy and Occupational therapy services start at A.K. Khan-CRP, Chittagong
- 2011    Inauguration of Speech and Language Therapy Department at CRP-Savar
- 2012    Received 0.161 acres of land from Mr. and Mrs. Mozaharul Hannan for Rajshahi Divisional Centre
- 2013    Valerie Taylor wins Rotary International "The One" award
- 2013    Master of Physiotherapy started
- 2013    REVIVE project for Rana Plaza survivors commences
- 2014    Inauguration of Master of Rehabilitation Science at BHPI
- 2014    Prosthetics and Orthotics School launched at CRP-Savar
- 2014    Nursing College started at CRP-Savar
- 2014    CRP's Metal and Wood Workshops moved to Ganakbari
- 2014    Inauguration of E-library and Computer Laboratory at BHPI
- 2015    Inauguration of students and patients residence with the support of Rotary International, Hongkong District 3450
- 2015    13<sup>th</sup> ASCoN Conference hosted by CRP
- 2015    Extension of Vocational Training Unit at CRP-Ganakbari
- 2016    Inauguration of Afsar Hussain-CRP, Rajshahi
- 2016    Bee keeping training for SCI patients is introduced at CRP-Savar

## 5. CRP Services (Treatment and Rehabilitation)

### 5.1 Medical Services Wing (MSW)

Medical Services Wing is one of the largest departments of CRP providing several services including those of radiology, pathology, telemedicine and surgical operations for inpatients and outpatients. MSW focuses on delivering uniform high quality clinical care to spinal cord injured patients, both from traumatic and non-traumatic origins and also neurological, rheumatologic, paediatric and orthopaedic cases.

#### Inpatient Services:



CRP's doctor talking with a SCI patient

Inpatient services are exclusively for the spinal cord injured (SCI) patients and are open around the clock. Female, children, recent injuries and patients with pressure sores have preference regarding admission. Evidence based holistic health care is provided by the Interdisciplinary team (IDT). In 2015-16 a total of 358 patients (male 307, female 51) were admitted of whom 343 patients were new cases and 15 patients were readmitted. 132 patients had multiple pressure sores. 302 patients were discharged after an average length of stay of 100 days. 31 patients were referred to tertiary hospitals for Intensive Care Unit support and 10 patients passed away.

In this reporting year 24 girls and young women have been admitted having sustained a broken neck when the loose end of their scarf/orna becomes trapped in the motor of the auto rickshaw in which they are travelling. This accident has been taking place over many years but since the introduction of a faulty new design of automated rickshaw, where a gap between the seats allows the scarf to fall into the motor, the number of cases has increased alarmingly. In many cases, the victim dies on the spot or

alternatively sustains a cervical spinal injury. This results in paralysis of all four limbs and a paralysed bladder and bowel.

#### Outpatient services:

MSW provides outpatients services for the patients with neurological, orthopaedic, paediatric and rheumatology problems. New patients are directly screened by the Interdisciplinary team (IDT). A neurology specialist is available all the time the outpatient department operates. This year a total of 59,472 patients received services from the outpatient department at CRP-Savar. Outpatient services are available from 8 am to 5 pm except Thursday 8 am to 1.30 pm. On Fridays and government holidays the department remains closed.

#### Radiology services:

A total of 12,799 radiological tests were performed this year. For outpatients the department remains open during office hours and for inpatients at any time when needed.

#### Pathology services:

The pathology department has been most fortunate in this reporting year to receive a number of pieces of new equipment, making its work more streamlined and efficient. A total of 6,163 patients received these investigations and 26,365 pathological tests were performed.



Dr. Luis Garcia from Spain operating on a SCI patient at CRP

#### Operation theatre services:

MSW has a modern surgical complex having two well-equipped operation theatres. There is a well-trained surgical team consisting of two

orthopaedic surgeons and one neurosurgeon operating on three days a week. Renowned specialists from home and abroad also provide volunteer services. These surgeons, often having many years' experience in SCI operations, enable CRP's surgeons to gain much knowledge by working with them. In the reporting year Dr. Luis Garcia, spinal surgeon from Spain, visited CRP and assisted in various operations, in one particular case the patient's neurological status improved dramatically following surgery. In the reporting year 239 surgical interventions were made including:

Spinal fixations	41
Plastic and reconstructive surgeries	78
Open reduction internal fixation	77
Prolapsed lumbar intervertebral disc	17
Various other operations	26

#### Telemedicine service:

MSW has been providing this service with the collaboration of the Swinfen Charitable Trust, UK for many years. Any patient can take a second expert opinion about his/her condition from renowned medical specialists through this service. During the reporting period a total of 22 patients received various expert opinions regarding their diagnosis and management plan.

#### Club foot management:

The Ponseti technique is the most well-known and easiest method to treat congenital club foot. MSW is providing management of the club foot deformity by this technique. This year a total of 187 patients received 1,315 follow up sessions for this correction.

## 5.2 Physiotherapy (PT)

A Physiotherapy service is essential in all stages of the patient care pathway from assessing, diagnosing, treating mechanical disorders, discharging and rehabilitating to promote and maintain general health, prevention of injuries and disease to enable people to remain active and restore their function by minimizing the disability.

Physiotherapy team members are consistently delivering services at CRP-Savar among patients suffering from spinal cord injury (SCI), paediatric disability, musculo-skeletal, orthopaedics, neurological conditions, as well as other diseases and mobility disorders. The Physiotherapy department is enriched with qualified and experienced physiotherapists including 1 Associate Professor, 9 Senior Clinical Physiotherapists, 30

Clinical Physiotherapists, 7 Diploma Physiotherapists, 13 Physiotherapy Assistants and 25 intern Physiotherapists making up the team of 85 staff members.

A total of 43,002 outpatients received treatment in all the outpatient units of the Physiotherapy department throughout the year. 358 inpatients received the service at the SCI unit in the reporting year.



"Balance Group" at Spinal Cord Injury unit

Beside this, some units under the Physiotherapy department have started different activities to ensure the standard for patient's management and rehabilitation. In this regard, a 'Balance Group' has been newly introduced at the SCI unit with the aim of improving balance and coordination of SCI patients.

On the other hand, the Musculo-skeletal unit is continuing the case presentation with the critical and rare cases for sharing ideas and perception within the staff as well as making a clinical decision to solve the problem. The Neurological unit also continues hand function, balance training, postural re-education and gait practice groups to ensure active participation of the patients along with improving the quality of care.

The activity and services within the Physiotherapy department is based on current evidence and different newly introduced advanced practice in the various aspects of physiotherapy. In this regard, the Physiotherapy department has introduced dry needling and kinesiology taping at the Musculo-skeletal units in CRP-Savar and CRP-Mirpur.

A 3 days course for Physiotherapists in Women's health was held on 12th to 14th January, 2016 at CRP- Mirpur where 37 physiotherapists gained theoretical and practical knowledge in this subject.



"Kinesiology Taping"  
used at CRP's Musculo-skeletal units

The course was conducted by Ann Vestergaard, Specialist physiotherapist in Women's Health from Solent NHS TRUST, Portsmouth UK and Johanna Mostyn, Senior volunteer physiotherapist living in Dhaka. In addition, a conference was held at CRP- Mirpur on 17th January 2016 with input from Ann Vestergaard and Johanna Mostyn regarding the importance of Physiotherapy treatment in pregnancy and the post delivery period.

In the 14th ASCoN conference, held on 3rd to 5th December, 2015 in Kathmandu, Nepal, Kazi Imdadul Hoque, Clinical Physiotherapist, achieved the "ASCoN Observership Award, 2015" for the best scientific paper presentation entitled "Scarf strangulation, an emerging road traffic related spinal cord injury in Bangladesh".

### 5.3 Occupational Therapy (OT)

The Occupational Therapy (OT) department of CRP is providing services to different people with impairments and disabilities to maximize their independence in daily life. Treatment areas include adult neurological rehabilitation, hand therapy, spinal cord injury rehabilitation and paediatric services.

In the current reporting year 2,275 patients were treated on an out-patient basis. Group therapy is an important part of OT practice for enhancing patient participation, motivation, socialization, sharing with each other and coping with disability. Groups include monthly Activities of Daily Living (ADL) group and caregiver education group. In the reporting year a total of 389 patients joined in different group sessions. In the hand therapy unit 674 patients received treatment. In the reporting period this hand therapy unit provided 980 customized hand splints for patients of different types. The OT

department is working to develop splinting units at the divisional centres of CRP.

The OT Out-patient unit introduced Virtual Rehabilitation (Wii games) in CRP-Savar for patients with neurological impairments. Using the Wii system patients have the potential to develop fine and gross motor function and co-ordination, improvements in visual-perceptual processing, postural control and functional mobility.

In the reporting year all SCI admitted patients received in-patient OT services and 249 patients completed rehabilitation. The discharge record revealed that 89 are independent, 113 are independent requiring supervision with modifications and the remaining 47 are dependent requiring a full-time caregiver. OT's are working to ensure accessible environments for wheelchair users around CRP as well as outside, which includes modifying SCI patients' home environments and recently, the OT department has been working with a telecommunication company to make their service points accessible around the country.



A patient playing Wii games at the OT department

Mental health and psychosocial rehabilitation services are going on from 2014 at the National Institute of Mental Health (NIMH). In the current reporting year, 485 patients received OT services being treated both individually and in groups. Razia Sultana, Clinical OT attended a 4-day long training on 'Mindfulness in Cognitive Behavioral Therapy and Advanced Psychosocial Counseling' arranged by the Sazida Foundation, Dhaka.

Sara Tallman, student of OT Doctoral program of Pacific University, USA completed her four months advanced placement in the SCI unit and donated a set of grip strengthening measurement tools and a text book on hand rehabilitation.

Moreover she is working on raising funds for an OT professional development scholarship. Professor Steve Park, PhD/L from the same university visited CRP for the third time from 18-30th May 2016. In this period he provided supervision to Sara Tallman and conducted a day long in-service training on "Using Occupations and Activities to facilitate proper Movement & Use of Person - Environment - Occupation Model" for 24 clinical and intern OTs of CRP. Jane Bourke, OT from Australia revisited CRP for just one day in April 2016, which marked 15 years after her first visit in 2001 when she supervised placement of OT BHPI students.



Workshop facilitated by Prof. Steve Park of the USA

In the reporting year a team from Interplast Australia - New Zealand visited Dhaka Medical College Hospital on 3-10th April and conducted a week long advanced training on Burn Management. Sumanto Ray and Tamanna Afroz, Clinical OTs from CRP joined the training.

Mr. M. Mosayed Ullah, who trained at CRP and is now a PhD candidate of the La Trobe University Australia, introduced a very special assessment tool "Worker Role Interview (WRI)" for SCI patients during his three months return to CRP to collect data and ran an in-service training for Occupational Therapists.

## 5.4 Speech and Language Therapy (SLT)

Not being able to talk does not mean you have nothing to say. The aim of the Speech and Language therapy department (SLT) is to provide outstanding and caring services to children and adults with speech, language, voice, communication and swallowing difficulties from all over

Bangladesh. This service was first introduced in the country at CRP in 2010.

Speech and Language Therapists are providing service to both the stroke rehabilitation and paediatric units. In addition the department is providing extended support to William and Marie Taylor School (WMTS) and the SCI unit. Services are ensured in the divisional centres of CRP by sending staff and interns by rotation. The department of SLT also actively participates in different mobile clinics and other CRP activities throughout the year. In addition CRP provides the services of internees to different organizations all over Bangladesh.

A total of seventeen qualified Speech and Language Therapists (clinicians and teachers) are working at CRP's centres countrywide. Day by day the demand is rising and an increased number of patients are being treated by the therapists every year.



Sound imitation

During this reporting year, a total of 1,765 new patients (both adults and children) received the Speech and Language Therapy service from CRP-Savar. This year the SLT department has started providing "extra time service" beyond the regular working hours for the patients.

This year the department benefited from the three month long input of Laura Pearce, SLT from England, who supported the work in both the clinical and teaching sides. In addition two of the current Bangladeshi SLT students at CRP-BHPI provided volunteer service for a few months.

## 5.5 Paediatric Unit

The Paediatric Unit offers exciting, comprehensive, and quality rehabilitation services for children with various disabilities along with their caregivers in both outpatient and inpatient settings in a well-organized manner. Adept and knowledgeable Physiotherapists, Occupational therapists and Speech & Language therapists provide these services to enhance the quality of life. The two week residential inpatient program is designed to integrate children with cerebral palsy into their community and become more involved in their own family. Currently, 40 children with various forms and severity of cerebral palsy participate in this program. An expert paediatric consultant within the multidisciplinary team ensures delivery of high quality medical care to our patients. Individualized therapeutic interventions are supplemented by group therapy which includes balance and coordination, hand therapy, feeding class, communication, autism group therapy, Activities of Daily Living skills, parental awareness and back care for mothers. Special input includes sessions of riding, hydrotherapy and recreational visits of the children with their mothers. This unit also offers outpatient and follow-up treatment.



Hydro therapy

As a part of continuous professional development, two occupational therapists attended a workshop presented by Professor Steve Park from the USA on "Person, Environment and Occupation" at CRP on 29 May 2016; one physiotherapist attended a one-day workshop presented by the National Sports Council (Jatio Krira Parishad) on "Play for the special child in the family setting" in Dhaka on 14 May 2016; One occupational therapist attended a three-day workshop on "Behavioural Technology for the autistic children" in Dhaka on 29-31 December 2015. Also some physiotherapists and occupational therapists have attended a workshop on "Clubfoot Management" at CRP on 22-23 July 2015 and also a 4 weeks health module on "Training of the Trainer (TOT)" under the Access to Health and Education for all Children and Youth with Disabilities (AHEAD) project at CRP. The paediatric unit has many rich learning opportunities and always encourages national and international students, volunteers and professionals to be involved and develop new skills and experiences.



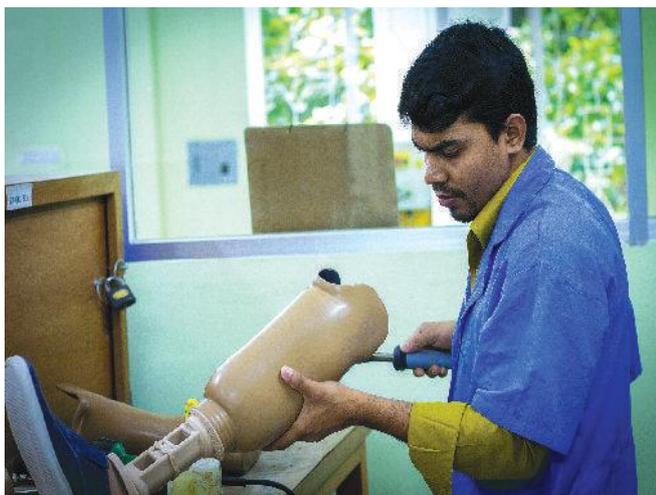
Sensory swing

Within this year, the outpatient service has received 1,688 patients, while the inpatient program has served 712 children. In addition to therapeutic programs, this unit focuses on improving the quality of life for children with disabilities by providing appropriate assistive devices while practicing evidence based treatment. To enhance awareness of disabilities within society, this unit promotes special events for children with disabilities such as "World Cerebral Palsy Day", "World Autism Awareness Day", "International and National Disability Day", "National Road Safety Day" among others.

## 5.6 Prosthetics and Orthotics (P&O)

Prostheses (artificial limbs) are needed for patients who have undergone an amputation or present with a congenital deformity. The prosthesis is custom designed for each individual to fulfill both cosmetic and biomechanical needs. Orthoses assist individuals who require support for their spine or extremities. Orthoses (braces) are custom designed and fabricated to meet an individual's needs. The orthoses may be needed to reduce pain or to provide support to an extremity that has lost function due to damage to bones, ligaments, nerves or muscles.

The P&O department of CRP is providing services since 2003. Improved materials and technology of the P&O department of CRP is enabling many individuals with disabilities to return to work and activities they previously enjoyed. The staff of the department work as a team which includes physiotherapist, orthotist and prosthetist. This expertise, along with that of the technicians, enables a care and rehabilitation plan for each patient to be drawn up. Our clinicians assess the patient's particular situation and provide expert recommendations for fit, comfort or function of the prosthesis, brace or support. We also provide an excellent opportunity for patients to share their expectations and goals. Our staff includes practitioners who are trained from abroad and certified by the International Society for Prosthetics and Orthotics. The prostheses and orthoses from CRP are light weight, durable, modern, easy-to-use, affordable and have a natural appearance. Materials used in each device depend on the patients' desired activities and their personal preferences.



A P&O technician at work

#### **Prosthetics and Orthotics current service:**

In this reporting year, our team successfully delivered 1,348 orthoses, 211 lower limb prostheses and 14 upper limb prostheses, 7 of which are the prosthetic hands (LN-4) provided by a Rotary club in the USA. In addition the department provided 648 foot abduction braces to children with club feet. CRP's service was also provided at 2 mobile clinics held at Jessore in the south and Moulvibazar close to the Indian border in the north of the country. Two clinical physiotherapists, two prosthetists and orthotists and ten technicians are currently working in this department.

At present six of CRP's staff are studying in Mobility India, Bangalore. Three of them are studying for B.Sc and three for a Diploma. In addition two P&O staff who previously trained at CRP are participating in a 18 months long course in Orthopedic Shoe Technology in Vietnam for their continuous professional development.

#### **ICRC activities**

CRP is working in collaboration with the International Committee of the Red Cross (ICRC) to develop the Prosthetics and Orthotics training support including establishment of the training laboratory and library facilities along with assembling raw materials. Setting up a prosthetics & orthotics training school within Bangladesh Health Professions Institute (BHPI) in the CRP premises is a continuation of CRP's initiative to develop skilled professionals. The department was set up with the technical and financial support of the ICRC - Special Fund for the Disabled (SFD) and along with other development partners modern instruments and materials have been introduced. Some of the key contributions of ICRC over the reporting period are given below:

- 12 months long P&O expatriate staff support to upgrade the service quality and provide follow up visits to CRP-Chittagong.
- 4 months long Physiotherapy expatriate staff support for on-the-job-training to CRP's physiotherapists working in the P&O department.
- Machinery, tools, raw materials, orthopaedic components, multimedia and IT equipment including multimedia projector, 55 inch LED television, desktop and laptop computers and scanner support for patients treatment and production of orthopaedic appliances at CRP-Savar and Chittagong have been received.
- 12 months long P&O expatriate education advisor support in P&O diploma course.
- Scholarship (tuition fees) for 30 students (3 batches of 10 students)
- International Scholarship for 4 students; 3 Bachelor Prosthetics and Orthotics, CAT-1 and one CAT-2 course at Mobility India, Bangalore.
- Donation of 20 sports wheelchairs for CRP-Savar and Chittagong to promote the first ever men and women's wheelchair basketball teams in Bangladesh.



ICRC Officials visiting P&O department

- Financial support to organise the men and women wheelchair basketball camps and physically disabled cricket training camp.
- Support to observe the major international days for persons with disabilities.

### 5.7 Special Seating Unit (SSU)

Many of the children that we come into contact with have conditions that mean they cannot hold their own body weight or sit up, let alone walk. It is not uncommon to hear about children who have been quite literally left to lie on the floor, while life continues around them. As well as being detrimental for their health, wellbeing and future postural development, this highlights the wider issue of a lack of dignity and respect for these children who deserve better. This year 2,560, a record number of rehabilitation devices have been produced. The unit has successfully passed 15 years.



A Cerebral Palsy child with his special seat

With the expansion of the production area of the Special Seating Unit (SSU) no delays of production have been reported. The department has developed competency to produce customized client centred rehabilitation tools. This year the department has conducted a research study on "Characteristics of Cerebral Palsy Children using Supportive Seating Chairs at Special Seating unit of CRP". The study shows that the special seating is an effective device to advance sitting ability. 74% of children showed significant signs of improvement. Our supportive seating is the perfect first step in giving these children the practical support they need, enabling them to sit up and make eye contact with their parents, many for the first time and the impact is immediate.

### 5.8 Appropriate Paper based Technology (APT)



APT workshop

Trees are precious for food and their wood is most useful too, from building houses to making paper. It is so easy to throw cardboard and paper away... but with a little ingenuity by collecting the used cardboard and paper we can prolong the usefulness of the trees. This year the APT unit produced a wide range of special needs school furniture for a local Non-Government Organization. 40 chairs and tables were produced for them. We use basic engineering principles and work with the therapists in the making process of this furniture, so that the physically challenged children can utilize this furniture for their functional needs.

## 6. Rehabilitation Wing

### 6.1 Social Welfare

Following an in-depth assessment of the socio-economic status of a patient, the Social Welfare Department (SWD) determines an appropriate financial subsidy for treatment and rehabilitation of each patient.



Ex patient follow up by CRP's Social Worker

#### Institutional Services:

The SWD collects all statistical information by filling in an assessment form for each patient. The department also provides emergency support to the poorest patients with blood for transfusion, surgical operations, mobility aids, assistive devices at the most subsidized rate possible and referral management when necessary. In addition to this, the SWD provides capacity building training and arranges

recreational, religious, day observances, government and other patient related programmes.

#### Community Services:

The department arranges a follow up program through an outreach team that visits the patients' community. In case of challenges, such as a negative attitude towards a person with disabilities (PWD) in the local community, the SWD also provides a community integration program assisted by local organizations and/or elite persons to solve the problem. The present easy access to mobile phones has had an enormous impact on the SWD follow up process. Instant advice and guidance can now be given to assist the patients in a successful transition to community reintegration.



Victory day observance by CRP's inpatients at the National Monument

In this reporting year the following activities have been done successfully by SWD:

#### Subsidy to poor patients

SL. No.	Activity	No.	Amount (BDT)
01	Treatment cost for SCI in-patients	398	34,639,185.00
02	Treatment cost for CP in-patients	712	4,754,500.00
03	Mobility aids and assistive devices for in-patients and out-patients	714	3,385,426.00
04	Medicine and various types of tests for out-patients	362	114,585.00
05	Plaster of Paris and various types of surgical operations for in-patients and out-patients	195	480,900.00
06	Sewing machine distribution	25	169,100.00

## Summary of additional SWD programmes

SL. No.	Activity	No.
01	Units of blood collected	450
02	Number of SCI patients participated in capacity building training	267
03	Home visits by out-reach multi-disciplinary team	146
04	Outing (recreation) programmes for SCI and CP patients	72
05	Ambulance service for poor patients	135
06	Clothes distribution for poor patients for Eid festival	170
07	Eid programme arrangement for SCI patients	04
08	Observation of significant days	06
09	Qurbani (animals sacrificed) on Eid day for patients	06
10	Other programmes (milad, picnic, iftar, govt. programme etc.)	08

### 6.2 Vocational Training Institute (VTI)

CRP Madhab Memorial Vocational Training Institute (VTI) was established in 1999 and the training courses are affiliated to the Bangladesh Technical Education Board (BTEB) since 2003. The target group of students is physically challenged people coming from all over Bangladesh. Different courses are running in five locations at CRP-Savar, CRP-Ganakbari, CRP-Rajshahi, CRP-Barisal and CRP-Chittagong. Residential

hostel facilities are available for both male and female students. After completion of the training CRP tries to ensure employment opportunities for them.

During the reporting year VTI provided vocational training to 542 persons with disability, 41% of which were girls. A survey through home visits and phone follow up found that 87% of these trainees are currently employed.

Trades	Duration (Months)	M	F	Total
Computer Office Application	6	92	58	150
Electronics Repair (TV, Radio, Mobile Phones)	6	34	0	34
Dress Making & Tailoring	6	22	42	64
Industrial Sewing Machine Operator	4	0	50	50
Industrial Sewing Machine Operator	2	0	66	66
Linking Machine Operator	2	31	0	31
Shop Management	1	124	04	128
Bee Keeping	1	16	03	19
Total Students		319	223	542

## Notable Events



CRP's vocational trainee Md. Khaled Hossain receiving an award

1. The National IT Competition for Youth with Disabilities 2016 was held on 4th June 2016 at the University of Asia Pacific, Dhaka organized by the Bangladesh Computer Council and Govt. ICT Division. Five computer trainees from CRP-VTI attended the program and two of them won 2nd & 3rd place.



Guests in Marks and Start's programme

2. Marks & Start Experience Sharing programme, 2016 was held on 15th March at CRP-Ganakbari with disabled workers, their employers, donors and other guests in attendance.

Future Plan: To help fulfil the demand in the society, CRP is going to increase its vocational training courses giving persons with SCI a wider choice.

### 6.3 Counselling Service

Rehabilitation programmes for people with spinal cord injury are comprised of physical therapy and occupational therapy to improve physical abilities, skill development activities to regain

economic sustainability and counselling to provide social and emotional support. The SCI rehabilitation team works comprehensively with the patients and their families to meet their on-going needs, provide emotional support, improve physical, mental and emotional functioning and help them successfully re-enter their community.

Counselling services help interpersonal relationships beginning with the client exploring the way they think, how they feel and what they will do for improving their lives. In this reporting year, all SCI patients of CRP, their caregivers as well as family members received counselling to accept their condition and learn how to adapt to a new way of life.



Confidence building through counselling

To overcome the challenges of patient follow up, this year 222 ex-patients were contacted in the community using mobile technology. In this reporting year 22 programs were arranged using an additional sound system attached to the phone to allow SCI patients to share their experiences over a conference call. Additionally, 79 patients received an audio file on health education in their mobile phone.

### 6.4 Sports & Recreation

Sports have been identified as a culturally relevant and proven therapeutic tool to promote health and wellbeing for individuals and society as a whole. CRP believes that recreation through sport can act as the first step to encourage inclusion of PWDs in the community. PWDs commonly play different indoor and outdoor games at CRP-Savar such as Wheelchair basketball for men and women, power lifting, table tennis, badminton, chess, skittles, darts, standing and sitting volleyball, javelin, shot put,

discus, balloon games etc. A quarterly sports week for admitted SCI patients was arranged. CRP also organized a 30 day wheelchair basketball camp in February/March 2016 for women with physical disabilities with the support of the International Committee of the Red Cross (ICRC).



SCI patients playing balloon games

### 6.5 Community Based Rehabilitation (CBR)

The CBR service works to ensure the inclusion of persons with disabilities (PWDs) and children with disabilities (CWDs) in mainstream society. With increased awareness disabilities can be reduced and part of this is to assist the PWDs and CWDs to find appropriate rehabilitation services in the community. To fulfil these objectives the CBR department of CRP has been working since 1994 to enhance the quality of life for SCI patients, Cerebral Palsy (CP) children and other PWDs and their families. This department follows a multidisciplinary approach to ensure PWDs have

access to improved health, education and livelihood opportunities. The community reintegration process starts by referring the SCI patient to the Half Way Hostel after completing their in-patient rehabilitation programme at CRP. Patients stay here for two weeks before being discharged. In these two weeks they are given assistance to overcome any physical, mental, social, spiritual challenges which could create difficulties after returning to their community. The other notable activities of CBR include advocacy and road safety campaigns; regular SCI patient home visits; SCI patient caregiver training; assistive device distribution and vocational training and support for income generation.

Telemedicine is an advantageous medium to communicate with people in the rural community. CRP's ex-SCI patients can discuss with their physicians and therapists to receive follow-up advice. Not only SCI patients but also those with other conditions can receive guidance while medical and therapeutic care can be provided by being referred to the nearest CRP sub-centre.

In Dhaka division there are 2,333 SCI patients. These are followed up by 3 CBR divisional coordinators (DC) and 2 community rehabilitation technicians (CRT) who are regularly conducting the SCI patient home visits. Other project staff of CRP's different sub-centres provide partial support for SCI patient visits in addition to their other regular activities.



Telemedicine service

## Activities of CBR: July'15 to June'16

Sl No.	Name of activities	Target	Achieved	M	F	Total
1	Home Visit (SCI)	2400	1638	1452	186	1638
2	Vocational Training Student Follow-Up	144	158	149	9	158
3	Advocacy Campaigns	36	38	1706	1903	3609
4	Road Safety Campaigns	12	11	408	23	431
5	Meetings on accessibility in the community infrastructure (school, market, religious buildings etc.)	36	25	107	77	184
6	Referral Service	-	133	96	37	133
7	Phone Follow-Up	480	424	328	96	424
8	Additional visits to children with Cerebral Palsy (found at the same time as the SCI visit)	-	9	9	0	9
9	Health Accessories	-	446	407	39	446
10	GO/NGO communication	108	93	322	275	597
11	Pakhghat Barta (Paralysis News -Magazine)	5000	4483	-	-	4483
12	SCI patient Care giver Training	4	4	32	32	64
13	Additional visits to Rana Plaza survivors (found at the same time as the SCI visit)	-	186	79	107	186
14	Rehab support for IGA to SCI patients	-	41	39	2	41
15	SCI patient education support	-	1	1	0	1
16	Two Part Mattress	-	36	35	1	36
17	Telemedicine	72	54	177	223	400



SCI-Patient Care giver Training

## Faces of CRP

### Madhob Chandra Kongsho Bonik

Early in CRP's journey there were four staff members with SCI. Their names were Mohua Paul, Shyamol Mondol, Abdul Motin and Madhob Chandra Kongsho Bonik. He was the second oldest of six siblings in a wealthy family, who owned a brass work business. Madhob was a student in class 10 when on 17th March 1976 he was playing football with his friends when suddenly the ball was kicked into a tree and got stuck there. As Madhob was very active and agile, he climbed up the tree in an attempt to retrieve the ball but he unfortunately lost his balance and fell. On landing he broke his neck resulting in a cervical spinal injury. Madhob was admitted to the Shaheed Suhrawardy Hospital in Dhaka and placed with traction to his neck on a turning bed or Stryker frame in "C ward". Unusually for patients in this ward, Madhob knew exactly what library books he would like to read. On three occasions during his stay on "C ward" he became seriously ill, suffering in turn Cerebral Malaria, food poisoning and Tetanus.



Madhob Chandra Kongsho Bonik

Madhob had a will of iron and fought back each time even though he was permanently paralysed from the neck down with lack of sensation in the skin throughout his body and a paralysed bladder and bowel. Yet with all these physical problems Madhob became a very understanding and competent peer counsellor joining the CRP staff. Madhob was one of the first paralysed people allowed to sit for his matric examination with the help of a writer.

Madhob regarded his accident as the start of a new life, so every year he celebrated his birthday on the 17th March, the date of his accident. Having provided him with this new life, Madhob was so passionate about CRP that he chose never to return home. His hobbies included playing chess, watching various sports programmes, writing and painting. He was self-taught but became very skilled at painting using an adapted hand splint and his work was displayed at his own exhibition at the British Council.

As well as his numerous hobbies, Madhob was also involved in raising funds for CRP. He went on two occasions to the UK to support the work of the Friends of CRP-UK. Madhob Chandra Kongsho Bonik

Madhob sadly passed away on the 30th December, 1999. Before his death he became very ill, but even in that time of sickness, Madhob was planning for the New Year celebration of the patients with Valerie. In honor of his achievements and commitment to CRP, the vocational training institute is named after him.

### Khadija Begum Lovely

Khadija Begum was a young girl from the northern part of Bangladesh called Pabna, where she lived in a big but poor family. Her father was a day labourer, earning only 20 tk. per day. In order to support her struggling family, she started doing household work for another family when she was only 8 years old. This family always used to call her "Lovely". She liked the name so much that later on, "Lovely" became her name. One day as usual, she went to the roof to dry some clothes, but suddenly fell as there was no railing. She broke her neck during the fall.

She was admitted to Pabna General Hospital, where she received treatment for 16 days. The hospital authority then recommended that she should be taken to Dhaka for better medical treatment.

She was admitted to CRP as a tetraplegic patient, only able to move her head. During her time at CRP, she was offered training in mouth painting. Lovely was excited to start her career as a mouth painter. Her work was first exhibited at the North South University in Dhaka and later in December 2002, Lovely travelled to Germany to demonstrate her skills in a department store in Munich. She also took part in both national and international art competitions for the disabled, including the 6th International Abilympics in Delhi, where she won a bronze medal for Bangladesh, an incredible achievement for her.

The Association of Mouth and Foot Painting Artists (AMFPA) decided to sponsor Lovely and provide funding for art lessons and art equipment. Meanwhile CRP printed some of Lovely's paintings as greeting cards and calendars and took the responsibility for marketing them. The Stitching Liliane Foundation from the Netherlands also provided financial support to

continue her mainstream education at CRP-Ganakbari.

In addition to painting, Lovely decided to carry on with her studies. In 1999 she restarted her formal education and made excellent progress. With the help of a writer for her examinations, Lovely advanced to class VIII. 1999 was also the year Lovely decided to help other children in need and she joined the Youth Leadership Forum in Dhaka, organised by UNICEF. Furthermore, in 1999, CRP decided to use Lovely's story as the basis of a feature film called "Bihongo" in order to raise awareness of disability and to try to change the negative attitudes which prevail.

Her huge success was recognised by the awards that she received, including the Annanya Ten, a prestigious award for women's contributions. In 2002 HSBC bank also organised Lovely's solo art exhibition in Dhaka.

With the proceeds of the successful sale of her paintings, Lovely supported her younger siblings for their education. Lovely passed away on 1st March 2007. She achieved so much in her short life and became an example to all who met her.



Khadija Begum Lovely

## 7. Academic Institutions

### 7.1 Bangladesh Health Professions Institute (BHPI)

Bangladesh Health Professions Institute (BHPI), the academic institute of Centre for the Rehabilitation of the Paralysed (CRP) was established in 1992 at Savar, Bangladesh. The aim to establish BHPI was to develop highly skilled health professionals in multiple disciplines. Currently, BHPI is running eleven different courses including M. Sc. in Physiotherapy and Rehabilitation Science, B. Sc. in Physiotherapy, Occupational Therapy and Speech & Language Therapy, Diploma in Physiotherapy, Laboratory Medicine, Radiology, Prosthetics & Orthotics, Certificate in Education for Special Education. M. Sc and B. Sc courses are affiliated by the faculty of medicine, University of Dhaka and Diploma courses are running at BHPI under the State Medical Faculty (SMF) and special needs education under the National Academy of Primary Education (NAPE).

BHPI runs the inter-professional Masters in Rehabilitation Science (MRS) programme funded by SAARC Development Fund (SDF). A total of 43 students were involved in the MRS programme in the reporting year. These were:

Session	Bangladeshi students	International students
2014-2015	15	04
2015-2016	14	10

The Diploma in Prosthetics and Orthotics is a 3-year course at BHPI, which is funded by the International Committee of the Red Cross (ICRC). CRP is the only organization in Bangladesh providing academic training to build this profession.

In accordance with a memorandum of understanding (MoU) between Queen's University, Kingston, Ontario, Canada and CRP, the students of BHPI enjoy an e-library, online teaching through Skype and computer laboratory facilities. The BHPI library can accommodate 150 students to study at one time. There are 10,404 books and 3,000 printed journals in the library. In addition,

there are 2,000 online journals (17 titles) that the students can access free through HINARI.

Students of BHPI achieved great success in their academic performance in the year 2015-2016.

Degree Title	Pass rate
B.Sc. PT	81%
B.Sc. OT	100%
B.Sc. SLT	100%
Dip. PT	100%
Dip. Lab. Medicine	80%
Dip. Radiology	75%
Certificate in Special Education	100%



Annual sports and cultural programme of BHPI

BHPI is not only providing education but also gives emphasis on extra-curricular activities. BHPI students participated in 3-day annual sports and cultural program held in December, 2015. A total of 177 persons (students and faculty members) from Physiotherapy and Rehabilitation Science courses participated in the annual excursion and educational placement tour at Chokoria, Cox's Bazar for 4 days in February, 2016. The educational visit was to a long established, non-government organization, "Social Assistance and Rehabilitation for the Physically Vulnerable (SARPV)".

## 7.2 CRP Nursing College

CRP Nursing College was established in 2004 and started its journey with a Diploma in Nursing Science and Midwifery course. CRP has always played a vital role in the training of nurses for Bangladesh. In 2013 Bangladesh Nursing Council (BNC) and Ministry of Health and Family Welfare approved the establishment of a four years B.Sc. in Nursing course at CRP Nursing College. The intake capacity of B.Sc. and Diploma courses are 50 and 40 respectively. At present CRP Nursing College has a total of 203 students. In the last 5 years, 164 students passed the BNC license examination. Those who have passed are working successfully at renowned hospitals across Bangladesh.

On the basis of both course curricula, CRP Nursing College arranged school health programme, a community visit and a visit to a local industry. The school health programs were conducted at William and Marie Taylor Inclusive School, the Radio Colony Model School and Chapain New Model High School.

Community visits are an important practical area where students can observe direct community problems, population trends and population at risk in the community. A community visit was arranged at Dhamsona, Ashulia, Savar Dhaka to collect data and to provide health education to community people.

The local industry visit is also a part of community health nursing and was arranged in May 2016 at Danna Bottoms Limited, Savar, Dhaka. The main purpose of the visit is to know about common health problems of people working in industry and to identify the population at risk and to provide health education regarding prevention of industrial accidents, personal protective equipment etc.

Amy Kang, a registered nurse in the USA came to Bangladesh and worked as a volunteer in CRP for 6 weeks. As a paediatric nurse she gave instruction to both students and nursing faculty in the assessment of newborn babies.

Pamela Williams, a highly experienced American registered nurse volunteered at CRP for 5 days and gave a presentation on management of pressure sores and stages of pressure sore healing.

This year on International Nurses day 12th May 2016, CRP Nursing College arranged a capping ceremony for 52 students. All students of CRP Nursing College attended the function.



Capping ceremony of CRP Nursing College

A 3 day course in March, 2016 on "Infant and Young Child Feeding (IYCF)" was given to 40 trainee nurses, organized by Bangladesh Breast Feeding Foundation (BBF) at CRP Nursing College.

## 7.3 School of P&O, BHPI

Centre for the Rehabilitation of the Paralysed (CRP) initiated the establishment of a School of Prosthetics and Orthotics as there was no school of P&O in Bangladesh. The school started functioning with the support of German Development Co-operation (GIZ); Bangladesh Garments Manufacturers and Exporters Association (BGMEA); International Committee of the Red Cross (ICRC) and CRP in 2014. ICRC is still providing all logistic support and scholarships for students. Currently a total of 30 students are studying in this school. CRP is providing multimedia classrooms, accommodation and other facilities.



A classroom of P&O school

Primark, an international clothing retail company is providing the salary and other financial support to two of our consultants of the P&O School for three years.

With developed curriculum and Government approval, the Diploma in P&O course is now training the 3rd group of students.

Accommodation is available in BHPI male and female hostels for P&O students for all three years of their training.

#### 7.4 William & Marie Taylor Inclusive School (WMTS)

CRP's William and Marie Taylor Inclusive School (WMTS) started its journey in 1993 with the aim of building an inclusive educational environment for all children. This school follows interactive teaching methodologies by which children are encouraged to collaborate and help each other. This year, the motto of WMTS was "learning through playing" which helped to increase the interest and abilities of students and also enhance their holistic development. WMTS offers schooling from pre-primary to grade five to children with and without disabilities. During this reporting year, a total of 310 students including 118 children with disability (CWD) continued their studies in two different units, Special Education Needs Unit (SENU) and the Inclusive Unit. The Primary School Certificate (PSC) Exam was successfully completed with 100% pass rate in the reporting year.

Some inclusive programmes and events arranged by WMTS for the students are:

- Cub Scout Programme
- Annual Cultural Programme
- Annual Milad –Mahfil
- Annual Sports Competition
- Annual Picnic
- Parents meeting (3 times in a year)
- Day Observances including International Mother Language Day, Autism Awareness Day, Cerebral Palsy Day, International Disability Day, Road Safety Day

In 2015, WMTS introduced a new Vocational class for special children to provide them an opportunity to participate in pre-vocational skill development training.

During the reporting year, the partnership with Plan International Bangladesh continued. CRP is a technical partner on the pilot project to develop a model of inclusive education.

WMTS is very thankful to the volunteers Juliette Flach and Mary Flach from UK who worked for 2 months here. They also facilitated a workshop on Literacy, Numeracy and some other teaching styles. Finally special gratitude goes to our very long time friend of CRP, Mrs Shahidullah for her generous contribution in compiling a "Scrap Book" and its prizes each year.



WMTS Class for children with special needs

## 8. Our Centres

### 8.1 CRP-Savar

The headquarters of the Centre for the Rehabilitation of the Paralysed (CRP) are situated in Chapain, Savar and occupy approximately 13 acres of land. In 1990 CRP relocated to CRP-Savar from rented premises at Farmgate. The executive and administrative offices, the medical service wing, therapy service departments, patient accommodation, surgical operating facilities, educational institutes of CRP (Bangladesh Health Professions Institute (BHPI), CRP Nursing College, William & Marie Taylor Inclusive School and the School of Prosthetics & Orthotics) and other service units are all located at the head office. There is a basketball court and other sports facilities also a hydrotherapy pool. A large multi-purpose hall called the Reddaway Hall provides facilities for cultural events, conferences, meetings, sports events and patient activities.

There is also a unique type of rehabilitation training facility for patients known as the half-way hostel, where patients prepare themselves for returning to their community. There is a large accessible garden where SCI patients learn gardening skills working from a wheelchair. CRP-Aware shop is an outlet for the sale of handicrafts made by CRP's patients.

CRP originally began its operation in 1979 in two cement storerooms in the grounds of the Shaheed Suhrawardy Hospital, Dhaka. The size and complexity of the current CRP-Savar centre, the 9 CRP sub-centres across Bangladesh and the extensive range of high quality services now provided to Persons With Disabilities, exemplify the progress made by CRP during the last 37 years of operation.

### 8.2 CRP-Mirpur

CRP-Mirpur started its journey to achieve the mission and vision of CRP being situated in the heart of the capital city, Dhaka. CRP-Mirpur also aims to help meet the financial sustainability of CRP. It is a 13 storied building where the rent of 7 floors make a substantial contribution to this. It is an accessible building for persons with disabilities particularly wheelchair users with its 5 storied ramp and 3 lifts. CRP-Mirpur occupies the lower 6 floors of the building to provide medical, therapeutic and diagnostic services. The services we provide in this centre are:

- Out-patient and in-patient medical services
- Physiotherapy
- Occupational Therapy
- Speech and Language Therapy
- Stroke rehabilitation
- Hand therapy
- Paediatric services
- Prosthetics and Orthotics
- Aware shop and Pharmacy
- Pathology, Radiology, ECG investigations
- Domiciliary (Home based) service



CRP-Mirpur celebrating World Autism Awareness Day

The out-patient medical services are provided by a skilled Interdisciplinary team consisting of a Medical Officer, Physiotherapist, Occupational therapist and Speech and Language therapist. There are fully independent out-patient departments for Physiotherapy, Occupational therapy, Speech and language therapy, Prosthetic and Orthotic services. There is a 44 bed Stroke rehabilitation in-patient unit (SRU) for the adult patients and 16 private rooms. The paediatric department admits 11 in-patients every fortnight especially children with cerebral palsy. There is a well-equipped pathology and radiology department and a domiciliary service in Dhaka city is offered to provide a therapeutic service to patients at home for those who cannot make the journey to CRP-Mirpur for treatment. In addition, we offer Extra Time Service (ETS) from 5 pm to 8:30 pm.

Furthermore, CRP-Mirpur offers the facilities for conferences, seminars and workshops with its multipurpose conference hall on a rental basis. It is well furnished with modern and sophisticated equipment and can accommodate up to 150 persons. There is a well decorated cafeteria

adjacent to the conference room which can serve 100 persons at a time. A CRP- Aware shop is located on the ground floor selling orthopaedic appliances and equipment. A pharmacy service is also available. An Inclusive Job Centre is a new addition to CRP-Mirpur, which arranges employment for persons with disabilities primarily in the ready-made garment sector.

### 8.3 A K Khan-CRP, Chittagong

A K Khan Foundation (AKKF) has supported CRP to establish a rehabilitation centre in Chittagong. This centre is functioning since its inauguration on 2nd October 2012 in the name of A K Khan CRP-Chittagong. Recently a cafeteria for patients, visitors and staff has been completed.

#### Existing services and facilities:

At present this centre is providing the following services and facilities -

- Medical care service
- Physiotherapy
- Occupational Therapy
- Speech and Language Therapy
- Prosthetics and Orthotics
- Vocational training
- Patient accommodation
- Generator back-up service
- CBR activities

#### Patients treated:

Total number of new patients	: 1,785
Total number of patient's sessions	: 17,856

#### Prosthetics and Orthotics:

Device delivered-

Prosthesis	: 86
Orthoses	: 208

#### Vocational training:

Total number of trainees completed training	: 33
Computer office application	: 14
Electronics repair	: 09
Dress making and tailoring	: 10

#### Other activities and programmes:

Mobile clinic	: 01
Advocacy meetings (held at 15 high schools, 1 library and 1 madrasa- on the subject of disability awareness)	: 17
Day Observance	: 02
Consultation Meeting	: 02
CBR Volunteer training (a total of 40 participants)	: 02

Future plan:

- Water plant for safe water
- Aids to Daily Living corner
- Sensory integration room
- Mini hydrotherapy pool
- Gymnasium and sports therapy
- Conference room
- Mini sensory garden
- Therapeutic playground for paediatric unit

### 8.4 CARSA Foundation-CRP, Barisal

CRP-Barisal is a divisional centre operating out of rented accommodation. The centre runs with the support of CBM, Germany under the "Integrated Disability and Livelihood Project (IDL)". The project was designed to support a large proportion of patients who come from remote areas of the southern part of Bangladesh, where facilities are not available. The centre started its journey on 8th July, 2013. At present it provides services including medical consultancy, Physiotherapy, Occupational therapy, Speech and Language Therapy and referrals for Prosthetics and Orthotics.



Donated land for the establishment of CRP-Barisal

CRP- Barisal has played a significant role in the establishment of rehabilitation opportunities for people with disabilities in the area. On September 12, 2015 an agreement was signed between CARSA Foundation and CRP sanctioning 64.5 decimals of land for a 99 years lease to CRP for establishing a rehabilitation centre in Barisal. The centre will be named CARSA Foundation-CRP, Barisal.

#### Patients treated:

Total number of patients	: 923
Total number of appointments	: 10,100

**Assistive device distribution:**

Wheelchairs	: 21
Prostheses	: 04
Orthosis	: 01
Special seats	: 04
Crutches	: 01

**Vocational training facilities:**

CARSA Foundation-CRP, Barisal runs a vocational training centre which aims to enable persons with disabilities to generate their own income and therefore lead a dignified life. During the reporting year 60 trainees successfully completed vocational training as follows:

Computer Office Application	: 20
Dress making and tailoring	: 12
Shop management	: 28

**Community based activity:**

CRP arranges Advocacy and Networking meetings in different areas of Barisal to raise awareness on disability and to inform about the services of CRP among the teachers and students of that area.



Health Camp at Bilbilash Secondary School, Baufal, Patuakhali

CRP-Barisal encourages the empowerment of persons with disabilities through the formation of Disabled People’s Organisations (DPO). At present Barisal Sadar, Bakergonj and Banuripara, are three DPOs that are supported by CRP’s Access to Livelihood for Persons with Disability (ALPD) project. A free health camp was arranged in two different Govt. schools in the Barisal area. One camp was held in collaboration with Spinal Cord Injury Development Association Bangladesh (SCIDAB) where 195 PWDs received treatment and advice. The other camp was arranged in collaboration with AHEAD where 220 PWDs attended.

**8.5 Afsar Hussain-CRP, Rajshahi**

Afsar Hussain-CRP, Rajshahi is a divisional centre of CRP that started its journey on 27th July 2013. It is a well-furnished, four storied building which was funded by the Embassy of Japan in Bangladesh. The ground floor of an additional building for patient accommodation has been completed in the reporting period. This leaves the two remaining floors under construction. CBM Germany is supporting Afsar Hussain-CRP, Rajshahi to run its services by providing subsidies to the poorest patients and financial assistance to vocational trainees.

**Available services:**

- Medical care
- Physiotherapy
- Occupational therapy
- Speech and Language Therapy

**Other facilities and activities:**

- Patient follow up after discharge from CRP Savar in Rajshahi division performed by CBR workers
- Training of community based rehabilitation volunteers on basic disability issues
- Mobile clinics

**Patients treated:**

Total number of patients	: 3,157
Total number of appointments	: 10,555
Number of patients who received subsidies	: 1,678

**Assistive device distribution:**

Bobath sling	: 06
Lumbar roll	: 18
Arch	: 39
Splint	: 02
Wheelchairs	: 06

**Advocacy and Networking campaigns:**

During this reporting year Afsar Hussain-CRP, Rajshahi completed 35 advocacy and awareness campaigns where a total of 4,162 participants attended from different local schools and colleges. The subjects included were accessibility, road safety, accident prevention, protection of disabled children, scarf injury prevention, rights of disabled people and the relevant laws.

**Vocational training facilities:**

Vocational training in three trades are available at this centre namely:

Computer and office application	: 51
Dress making and tailoring	: 14
Shop management	: 20

**Consultation Meeting:**

Two consultation meetings, one at the Civil Surgeon's office and the other at the thana health complex Durgapur, Rajshahi were arranged by CRP-Rajshahi, where a total of 222 participants attended. These meetings were held to give orientation about the services and activities available at CRP-Rajshahi. Doctors and health workers were requested to assist with patient referrals resulting in the attendance of increased numbers of patients.



Consultation meeting at the Civil Surgeon's office

**Disabled People's Organisations (DPO)**

Afsar Hussain-CRP, Rajshahi centre supports the activities of the four DPOs established by CRP in Rajshahi division. The main aim of DPOs is to act as local resource centres. Three DPOs are supported by Access to Livelihood for people with Disabilities (ALPD) project and the other one is supported by Integrated Disability and Livelihood (IDL) project. CRP-Rajshahi centre provided support for inclusive sports in 5 different schools under the Access and Empowerment project.

**Special day observance:**

Afsar Hussain-CRP, Rajshahi observed the International Disability Day, International Literacy Day and Autism Awareness Day which were organized by the Social Welfare Department and District Administration Department of Rajshahi.

**8.6 CRP-Ganakbari**

CRP-Ganakbari is a sub-centre of CRP situated in Ashulia which was established in August 1995. It has a residential vocational training centre for women with disabilities and is located 15km from CRP-Savar. The centre is not only developing the skills for employment but also integrating PWDs into the mainstream society by helping to arrange necessary employment.

**Available facilities**

In most cases persons with disabilities are unable to return to their previous occupation. The position of women with disabilities is even worse as they are often deserted by their husbands or rejected by their family. CRP-Ganakbari is providing opportunities to empower these women and girls. In the reporting year vocational skills in sewing, embroidery, shop keeping and nursery work as well as everyday living skills were provided to the trainees. Some girls have opportunities for formal education while for the remainder adult education is compulsory. CRP launched the 'Industrial Sewing Machine Operator Training programme' at CRP-Ganakbari in 2006. The objective of this programme is to train the operators to become multi skilled machine operators and to ensure that they get employment after completing their training. The training is sponsored by Marks and Spencer and in addition more recently by TESCO.



Women with disability receiving vocational training

**Admission Criteria**

CRP-Ganakbari gives priority to the women and adolescent girls with disabilities in the community and the ex-patients of CRP. Usually they are referred by the social welfare unit and community

based rehabilitation workers of CRP or through other organisations. Acceptance of a person to CRP-Ganakbari depends on an assessment of their potential to gain benefit from the trainings which are available in the centre.

The Income Generating Activities (IGA) Department of CRP is also located in this centre. These include:

- A metal workshop which produces different kinds of assistive devices such as wheelchairs, standing frames, etc.
- A wood workshop producing many kinds of wooden furniture, wooden assistive devices and handicrafts.
- A printing press where most printing facilities are available.
- A recycled paper technology unit which recycles waste paper into useable items such as handmade files, folders, envelopes, etc.
- Plant nursery selling various plants, flowers and vegetables.

### 8.7 CRP-Moulvibazar

As a first step in developing the Sylhet divisional service centre, CRP launched outpatient therapy services at Moulvibazar from 2nd April, 2011. The start-up cost of the centre was raised by a British paraplegic wheelchair user, Peter Donnelly. Currently CRP is using a three storied building at Moulvibazar which was leased by Eng. Sayed Abdul Goffar free of charge for five years. Our target is to decentralize the services of CRP so that the service becomes more accessible and affordable to the poor and marginalised persons with disabilities of the Sylhet region.



Staff in front of CRP-Moulvibazar

#### Patients treated:

Total number of patients : 614  
 Total number of patient's treatment sessions : 5,897

#### Services available:

- Physiotherapy
- Occupational Therapy
- Speech & Language Therapy
- Medical care

### 8.8 CRP-Manikganj

In 2003, one of CRP's donors Mrs. Rehana Mahbub donated land in memory of her late husband at Manikganj which is approximately 30km distance from CRP-Savar. CRP continues to work to finalize the offer of support from the Ministry of Social Welfare for constructing a centre to increase and develop the rehabilitation and vocational training facilities there. Eventually SCI patients who commence treatment in the divisional satellite centres in Govt. medical college hospitals will be transferred for their rehabilitation to CRP-Manikganj.

### 8.9 CRP-Nawabganj

Currently some activities related to Community Based Rehabilitation services and awareness raising programmes in collaboration with the Upazilla Disabled People's Development Councils (UDPDC) are functioning here.

### 8.10 CRP-Gobindapur

CRP-Gobindapur is situated in Kulaura Upazila of Moulvibazar District in Sylhet Division. The centre has four bungalows on its 13.5 acres site which can be rented by tourists and guests. A total of nine staff are employed there. Foreign volunteers and intern students of CRP visit this centre in addition to other guests. Students of CRP stay in this centre during their placement in the local community. The guest house facilities of this centre are a part of income generation of CRP.



A bungalow at CRP- Gobindapur

## 9. Departments

### 9.1 Human Resource

In order to foster and retain a talented workforce, CRP Human Resource Department (HRD) on a regular basis undertakes different activities including recruitment, training and development, dissemination of related information, organizing knowledge sharing and professional development sessions along with its day-to-day activities. To inculcate the ethos and values of CRP, for the first time a retreat session (March 31 - April 01, 2016) was organized where all the senior staff members of CRP had the privilege to share their views and ideas about the organisation with the senior management in a natural environment at CRP-Gobindapur. This was found to be a very helpful exercise where such issues as preparing leaders, succession planning, searching for the pillars on which CRP is built, were considered.

#### Employment categories:

Permanent	: 701
Temporary -full time	: 106
Temporary- part time	: 15
Project staff	: 47
Replacement	: 07
Daily Basis	: 40
Interns	: 106
Total	: 1,022

#### In the reporting year:

Annual employee turnover (%)	: 9.96
Number of new employees	: 91
Number of separated employees	: 88
Resignation	: 58
Dismissal	: 09
Termination	: 04
End of contract	: 16
Deceased employees	: 01
Training and development sessions	: 51
(38 national, 1 international, 12 internal (within CRP)	
Number of orientation sessions	: 05
Support disbursed from staff welfare fund: BDT 3,24,796 (three lac twenty four thousand seven hundred ninety six)	
Number of promotions	: 68
Number of transfers	: 16

### 9.2 Fundraising and Resource Mobilisation

The Fundraising and Resource Mobilisation Unit of CRP is working to raise funds by reaching out to different prospective donors at home and abroad.

More than 80% of patients of CRP come from poor and marginalised families particularly from rural Bangladesh. CRP utilises and mobilises the existing resources and donations to provide the services free of cost or at the most subsidised rate possible to the poorest patients.

To raise awareness in the society and attract prospective donors, CRP also organises different events and fundraising tours of CRP. The following table shows major contributions from different donors in the financial year 2015-2016:

#### CRP Core Programmes:

Project Partner	Donation (BDT) in Millions	Donation (USD)
Valerie Taylor Trust (VTT)-UK	23.69	273,163.00
FCRP-Canada Society	0.82	11,385.63
FCRP-Sweden	0.15	1,966.85
FCRP-Germany	0.77	9,978.30
American Friends of CRP	3.89	50,000.00
Local donations	7.55	96,281.69
CRP Zakat Fund	12.54	159,856.78
Government of Bangladesh (Ministry of Health & Family Welfare)	25.00	318,616.25

**Bilateral Project Partners:**

Project Name/Purpose	Project Partner	Donation (BDT) in Millions	Donation (USD)	Project Period
Access and Empowerment Through Sports	Comic Relief- UK Sports	7.8	100,775	June'14-May'16
The project for construction of Rehabilitation centre at Rajshahi	Embassy of Japan in Bangladesh	8.19	105,788	Completed
Construction of ground floor of patient accommodation CRP-Rajshahi	CBM Germany	4.89		Completed
Sewing machine and wheelchair support for PWDs	BACHAO	0.42	5,300	Yearly
Sports wheelchair & material support to P&O	ICRC	15.55	196,700	Yearly
Desk calendar printing	Sheltech Limited and Platinum Hotels, Dhaka	0.20	2,584	Yearly
Sponsorship for one nursing student	Ms. Anjuman Ara Alam	0.30	3,876	Half yearly
Support for the Disabled and Underprivileged People to Reintegrate into Mainstream Society by Providing Vocational Training at CRP	TESCO	2.21	28,300	Mar'16-Feb'17
Promotion of Rights and Inclusion of PWDs through Community-Based Rehabilitation (PRIDCBR)	Stitching Liliane Foundation through DRRA	1.32	16,909	Yearly
Integrated Disability & Livelihood Project (IDLp)	CBM Germany	83.80	1,082,729	Oct'12-April'16
Access to Health & Education for all Children & Youth with Disabilities (AHEAD)	DFATD Canadian Govt.	204.97	2,647,287	Dec'12-Dec'17
Access to Livelihood for Persons with Disabilities (ALPD)	Manusher Jonno Foundation (MJF)	22.2	286,822	Aug'13-July'16
Regional Inter-professional Master's Program in Rehabilitation Science	SAARC Development Fund (SDF)	117	1,511,628	June'13-May'18
Marks & Start project- Vocational Trainee Support	Marks and Spencer	1.68	21,731	Yearly
Disabled Cricket Tournament	ICRC	0.3	3,844	Nov'2016
Support for poor patients	NGO Foundation	0.3	3,524	Yearly
Engr Abdul Awal's Fund (Zakat and other special cases)	Engr Abdul Awal	0.5		Monthly
CRP-CIVIC Trial Project	Sydney University Australia	20.51	263,539	May'15-Apr'20
Support for expatriate teachers in the P&O School at BHPI, CRP-Savar	PRIMARK	25.08	316,887	July'14-June'17
Inclusive Job Centre	GIZ & BGMEA	8.47	108,617	Sep'15-May'17
BSRM-CRP Vocational Training Facilities for PWDs	BSRM	0.70	8,970	Yearly
SCIDAB	LIVABILITY- Ireland	0.73	9,553	On going
Social Business for PWDs	BORDO International	0.92	11,905	One time grant
Care giver training	Vitality UK	0.059	768	Yearly
Justice Mostafa Kamal Fund (JMKF)	Interest on FDR donated by JMK	0.029	374	Monthly
"Gulshan disaster management fund" for two nursing students study fees	Rtn Dr K M Maqsdur Rahman	0.021	277	Yearly
Brother Bob's patients fund	Albert and Renate Mehr	0.26	3,409	Yearly