

## CHAPTER-XIX

### SOCIAL SECTOR

#### Education

Education is the key input for the development of individual as well as the society. Education is accepted as one of the crucial inputs for nation building. The vision 2020, concerned with the sector of Elementary Education, is focussed on the accomplishing of the constitutional obligation of providing free and compulsory education for every child within the age group of 6-14 years and achieving the goal of universalisation of Elementary Education both in letter and spirit. The State Government equally put emphasis on to providing qualitative technical education to build technical skills to cater the needs of the economy.. Keeping in view the importance of education in the socio-economic development the State Government has been implementing various educational programmes.

#### Educational Progress

Literacy rate of Assam is 63.25 percent, as per Census 2001, which is behind the national average of 64.8 percent. For achieving the objective Universal Elementary Education (UEE), Sarva Siksha Abhijan (SSA) is being pursued. To give more thrust on the issue, some other schemes under the State Plan, such as Cash awards to teachers for dedicated services, Incentive to institution for continuous good academic performance, Introduction of Mobile Education, Incentive to Girl children in the age group of 6-14 years to encourage the girl students, Financial grant to provide school uniform to BPL families, MIS known as District Information System on Education (DISE) has been operationalized, etc.

#### Elementary Education

The Sarvasiksha Abhijan (SSA) is responsible to provide education upto the age of 14 years, a fundamental right of every child. The framework of Sarva Siksha Abhijan has been designed as a peoples' movement for education for all, which will provide useful and relevant elementary education of satisfactory quality for all by 2020 AD bridging all social and gender gaps of the society.

**TABLE-19.1**  
**SCHOOL FACILITATED UNDER SARVA SIKSHSA ABHIJAN (SSA), 2009-10**

Category	Govt/ Provincialised				Recognised			Tea Garden		
	School	Teacher	Enrolment	PTR	School	Teacher	Enrolment	School	Teacher	Enrolment
Primary	30054	82929	2232283	26.9	...	...	...	449	1145	60895
Primary with Upper Primary	944	8807	171252	19.4	...	...	...	...	...	...
Upper Primary	4919	34605	771048	22.3	5175	33756	544003	...	...	...
Primary with High	09	120	3281	27.3	...	...	...	...	...	...
Upper Primary with High	1443	18160	435713	25.0	260	3096	43872	...	...	...

*Source: Sarva Siksha Abhijan*

During 2009-10 the number of children in the School has increased as compared to the previous year. The total children in the age group of 6-14 years in school during 2009-10, as per District Information System for Education (DISE) of SSA was 6635131 numbers. Thus, percentage of children out of the school was 4.0 percent.

There has been an impressive growth of the elementary education system in Assam in the last few decades. This significant increase in the number of Primary schools and Upper Primary Schools, the number of teachers at Primary & Upper Primary and enrolments at both the levels of elementary education is reflected in the Table 19.2.

**TABLE-19.2**

**STATISTICS OF ELEMENTARY EDUCATION IN GOVT / PROVINCIALISED SCHOOL IN THE STATE**

Year	Primary				Upper Primary			
	No. of School	Student	Teacher	PTR	No. of School	Student	Teacher	PTR
1951-52	11172	626282	16554	38	1012	107649	3714	32
2001-02	30068	3906000	83573	47	6730	2716000	58791	46
2009-10	30054	2298928	82929	28	5863	1739082	34605	N.A.

PTR: Pupil Teacher Ratio

Source: State Education Department, Assam

### Pupil Teacher Ratio (PTR)

The Pupil-Teacher ratio at Primary and Upper Primary school in the State has been found satisfactory but statistics reveals that during 2009-10, as many as 7474 numbers of Primary school [i.e around 25 percent of total Primary school] are identified as Single Teacher school and 11.2 percent schools under Elementary sector school, in the State are identified as Single Teacher school having students.

**TABLE: 19.3**

**PUPIL TEACHER RATIO, ASSAM**

Year	Primary		Upper Primary	
	Rural	Urban	Rural	Urban
2008-09	27.8	18.1	22.4	19.2
2009-10	28.0	17.9	22.0	18.2

Source: Sarva Siksha Abhijan

### Gross Enrolment Ratio (GER):

The Gross Enrolment Ratio of Primary School has been increased from 85 percent in 2003-04 to 100 percent in 2007-08 and is expected to increase to 110 percent in 2015 by covering underage and overage of 6-14 years of age. In case of Upper Primary School the Gross Enrolment Ratio has increased to 97 percent in 2007-08 from 60 percent in 2003-04 and it is expected to increase to 105 percent in 2015. The dropout in primary and upper primary is expected to be nil in 2015.

**TABLE-19.4**

**GROSS ENROLMENT RATIO, NET ENROLMENT RATIO AND DROPOUT RATIO IN PRIMARY AND UPPER PRIMARY LEVEL**

(Figure in percentage)

ITEM	2003-04	2008-09	2009-10	2015
GER Primary	85	103	109	110
GER Upper Primary	60	93	99	105
NER Primary	73	94	97	100
NER Upper Primary	42	88	82.0	100
Dropout Primary	10	8.77	5.74	0
Dropout Upper Primary	NA	15.54	14.74	0

Source: Sarva Siksha Abhijan (SSA).

## Budget for Elementary Education

The State Govt is gradually increasing the allocation of budget in respect of Elementary Education so as to fulfil the aim and objective of universalisation of elementary education for the State. A good amount of money has also been spent by the State Government under elementary education. An amount of ` 11543.00 lakh has been received in the Annual Plan 2010-11 for implementation of the development schemes under elementary education, Assam. An amount of ` 6600.00 lakh is proposed for Annual Plan 2010-11 as State share 10 percent (90:10) to Sarva Siksha Abhijan. The table below shows the pattern of budget allocation, amount received and utilised from 2001-02 to 2009-10 under elementary education.

**TABLE – 19.5**  
**BUDGET PROVISION AND EXPENDITURE OF ELEMENTARY EDUCATION**

(Rupees in lakh)

Year	Plan		
	Budget allocation	Amount received	Amount utilised
2001-2002	20867.50	22553.66	22553.66
2002-2003	22586.55	22417.74	22417.74
2003-2004	13071.80	12587.93	12587.93
2004-2005	11115.00	13484.95	13484.95
2005-2006	21595.00	21595.00	21595.00
2006-2007	4484.10	4044.09	4044.09
2007-2008	3850.00	4151.48	3850.00
2008-2009	9380.00	9315.00	9315.00
2009-2010	11590.00	11590	11590

Source: Assam 2011 A Development Perspective

## Mid Day Meal Scheme

The Government of India has launched a countrywide Programme of Nutritional support to Primary education commonly known as Mid-Day- Meal Scheme on 15<sup>th</sup> August, 1995 through the State Governments in order to give boost to universalization of Primary Education by increasing enrolment, attendance and retention in Primary Education and to improve the standard of education. In Assam this scheme has been started on January/ 2005.

Total requirement of cooking cost for the year 2009-10	` 14677.48 lakh
State share (10%)	` 146.75 lakh

Source: P&D Department, Dispur, Assam

The programme covered all Government and Provincialised Primary schools and Primary Section of MV School receiving financial assistance, EGS and AIE centres. During 2009-10, it has been proposed to cover all the aforementioned schools/centres as well as their enrolment from class I to V. The State Govt provides 10 percent of total fund as State share for cooking cost @ ` 0.20 per student per teaching day for implementation of cooked Mid-Day-Scheme For this scheme, the Government of India provides cost free food grains (rice) and the cost of cooking. The Government of India also reimburses the transport charges under the scheme.

## Adult Education

Adult Education programme was started on National Basis in the year 1978-79. Subsequently after constitution of National Literacy Mission (NLM) in 1988, the total literacy campaign came into being. During the year 2009 the **Sakshar Bharat Mission 2012** has been launched by the Govt. of India.

In Assam, the tasks of implementation of adult literacy programmes have been entrusted upon Zila Saksharata Samitees (ZSS) of different districts. The Programme is funded on sharing basis between the State Government and Government of India. The State Government bears one third costs as State share. So far 22 Districts have been covered under Total Literacy Campaign (TLC) and out of the total 22 Districts, 7 Districts have been covered under Post Literacy Programme (PLP). During the Annual Plan 2009-10, it is proposed to provide educational facility to 4000 illiterate child labour.

## Madrassa Education

A separate Directorate of Madrassa Education has been created in 2005, earlier it was a part of Directorate of Secondary Education. At present there are as many as 524 pre-senior Madrassas, 164 Senior Madrassas, 5 Arabic Colleges, 14 Title Madrassas, and 500 Voluntary Moktab Madrassas continuing Madrassa education in the State.. There are more than 1.20 lakh students enrolled in 707 Madrassa Institution in the State as on 1.1.2010. During the 11<sup>th</sup> Five Year Plan (2007-2012) 325 Madrassas are proposed for provincialisation with 3888 posts under State Plan.

There is a budget provision of ` 3510.00 lakhs during 2009-10 under Language Development including Financial Assistance to Non-Govt. Madrassas (plan).

An outlay of ` 7662.00 lakhs has been proposed for the annual plan (2010-2011) under the State Plan.

## Technical Education

### Engineering Colleges

There are two State Engineering Colleges, namely, Assam Engineering College, Guwahati and Jorhat Engineering College, Jorhat imparting Bachelor of Engineering Degree Courses in the discipline of Civil, Electrical, Chemical, Mechanical, Electronics & Telecommunication, Instrumentation Engineering, Industrial & Production Engineering and Computer Science & Engineering. Masters of Engineering Courses in Civil Engineering and Research works in the Degree & Ph.D is being carried out in civil, chemical, mechanical Engineering in Assam Engineering, Guwahati.. Already 5 scholars were awarded Ph D degree by Gauhati University for the Research in the Department of Civil Engineering. Although the Bachelor of Engineering courses in Instrumentation Engineering, Industrial & Production Engineering and Computer Sc. & Engineering were introduced by the Govt in 1998, for which there was no adequate laboratory facility and that facility has been set up in both the Engineering College. For development and upliftment of the two Engineering Colleges, the following schemes are proposed for implementation during the 11<sup>th</sup> Five year Plan period.

- Creating laboratory facilities for three new Bachelor Engineering Degree Courses.
- Modernization of all the existing laboratories & Workshop.
- Two separate buildings for the College library of two colleges as recommended by AICTE.
- Increase the intake capacity of Bachelor Engineering Degree Courses.
- Introduction of Bachelor Engineering Degree Course in Information Technology at Assam Engineering College with 30 intake.
- To establish the Training & Placement Cell at each College, since training is a part of the curriculum and placement of students after graduation is absolutely necessary. For this one office assistant for each

cell is proposed to be provided. A vehicle is to be provided to each cell for mobility of the training and placement officer and to receive and to provide transport to the visibly recruiting personnel from the organization.

To achieve the above mentioned goals during the Annual Plan 2010-11 an amount of ` 409.00 lakh is proposed.

### Centrally Sponsored Schemes

- P G Course in Watershed Management and Flood control at Assam Engineering College with 100% Central Share;
- P G Course in Soil Mechanics at Assam Engineering College, Guwahati with 100% Central Share;
- Removal of Abst. & Modernisation of Laboratories in Computer in Engineering Colleges with 100% Central Share;
- MCA at Assam Engineering College, Guwahati and Jorhat Engineering College, Jorhat with 100% Central Share;
- Community Polytechnic Scheme with 100% Central Share;
- 50% Central Share as grant in aid to Regional Engineering College, Silchar;
- Post Diploma Course in Computer Application with 100% Central Share;
- NEC Scholarship & Book-grant to the meritorious students with 90% central share

An outlay of ` 263.00 lakh is proposed to provide during the Annual Plan 2010-11 under Centrally Sponsored Scheme.

### Steps taken for Expansion and Development of Technical Education in the State

For the expansion of Technical Education in the State, steps have been taken for establishing new Engineering College, polytechnics and technical University. The intake capacity of Jorhat Engineering College, at Jorhat and Assam Engineering College, at Guwahati, has increased from 590 to 753 during 2009-10. Engineering Course has already been started in Guwahati University, Dibrugarh University and Jorhat Institute of science and Technology from the academic year 2009-10 with intake capacity of 165, 240 and 120 respectively. Engineering courses is going to be started in B.B. Engineering college, Kokrajhar with intake capacity of 120 during 2010-11 Besides these Four (4) Engineering college under private sector has the intake capacity of 1060. Hence the intake capacity of Engineering courses has been increased to 2458.

Following projects are proposed to be implemented during 2010-11–

- Government has issued NOC to start two new Engineering Diploma course in Garment Technology & Fashion Design at Assam Textile Institute Guwahati.
- To upgrade the Jorhat Science College to the Jorhat Institute of Science and Technology, an amount of ` 150.00 lakh has been released, for the purpose.
- An amount of ` 50.00 lakh has been provided for establishment of 11 nos. Of training cum placement cell in the existing. 9 polytechnics, Assam Engineering collage and Jorhat Engineering collage.
- The Government has proposed to set up two new Engineering colleges at Dhemaji and Goalpara under Chief Minister's special scheme.
- Set up of Technical University at Nagaon under public private partnership under Chief Minister's Special scheme.
- Infrastructural development of Assam Engineering College under Assam Bikash Yojana.
- Establishment of University of Science and Technology.

## Junior Technical Schools (JTS)

At present there are two Junior Technical Schools (JTS) running in the State of which one is at Sivasagar and the other one is at Goalpara.

## Polytechnics

At present there are (9) nine polytechnics in General area offering various Diploma courses:-

The intake capacity of these institutions is 3810.

- In view of the unemployment of diploma engineers in traditional branches such as civil, electrical etc it is proposed to reduce the intake in some courses like civil Engineering. etc and increase the intake in presently relevant courses such as computer Engg. electronics Engg. etc and introduce these courses in institutions where it does not exist.
- It is proposed to introduce Diploma courses of IT/Computer Applications in all Polytechnics.
- To enhance the facilities for Technical Degree Courses it is proposed to upgrade some branches of existing Polytechnic to Degree level.

An amount of ₹ 189.00 lakh is proposed to achieve these goals in the Annual Plan 2010-2011.

## Medical Education

The Directorate of Medical Education, Assam is entrusted with the task of generating human resources like Doctors, Nurses, Technicians, Physiotherapist, Pharmacist and other Health personnel to meet the growing needs of not only of the state but the entire North Eastern Region.

In MBBS course in the three Medical Colleges of the State the numbers of seats have been augmented from 391 to 426. To augment the capacity further, 3 new Medical Colleges at Jorhat, Tezpur and Barpeta with 100 MBBS seats in each Medical Colleges are being set up, while Jorhat Medical College has been started functioning from the current year. Two more Medical Colleges viz. at Diphu and Nagaon are also going to be established. The PG seats in the Medical Colleges have been increased from 246 to 347. In addition to this, 16 seats in super speciality subjects have been created in the Gauhati Medical College.

Srimanta Sankardeva University of Health Sciences has been established to monitor and to suitably strengthen the Medical Education in the State.

The Government has been extremely concerned about the poor availability of doctors in the rural areas and to remedy the situation an Institute has been set up at Jorhat to impart training and grant Diploma in Medical and Rural Health Care. The Institute has been started functioning and the 1<sup>st</sup> batch of 92 Diploma holders which passed out in 2009, have been appointed in the rural health institutions.

Three Institutes of Paramedical Sciences at Guwahati Medical College at Guwahati, Assam Medical College at Dibrugarh and Silchar Medical College at Silchar with 12 different courses having intake capacity of 400 has been started from 2008-09.

The intake capacity for GNM course has increased to 912 in 15 nos. of GNM schools. With establishment of 8 new GNM Schools, out of which 5 have been already been completed with creation of manpower, the intake capacity of GNM trainees will stand at 1287.

Besides there are one Regional Dental College, three Homeopathy College, one Nursing College, and one Ayurved College in the State under medical education.

## Higher Education

### Status of Institutions under Higher Education in 2009-2010

1. Gauwahati University (1948)
2. Dibrugarh University (1965)
3. Assam Agriculture University (1965)
4. Cental University, Tezpur (1994)
5. Assam University (1994)
6. KK Handique State Open University (2007)
7. Donbosco University (2007)
8. Downtown University (2007)
9. Bodoland University (2008)
10. Women University (2009)
11. Kumar Bhaskar Barman University, Nalbari (Proposed 2010)
12. Assam Science and Technical University (Proposed 2010)
13. Institution of national importance-
  - (a) Indian Institute of Technology
  - (b) National Institute of Technology

### New projects/ Initiatives of Infrastructure development etc.

Kokrajhar college was taken over as Govt. college (2007)

- ` 93.371 lakh released to KK Handique Govt. Sanskrit college under NLCPR project in 2007-2008.
- ` 55.33 lakh released to Kharupetia College under NLCPR project in 2008-2009.
- ` 1500 lakh sanctioned to G.U.,D.U. & 102 rural colleges in Assam under ACA scheme in 2009-10
- Cotton College is proposed to be upgraded as International College (2010-2011)
- ` 300 lakh provided for administrative, academic, science building etc.for Bodoland University in 2010-2011.
- ` 400 lakh provided for infrastructure development of Gauhati.University & Dibrugarh University under ACA Schemes.
- ` 1000 lakh provided for infrastructure development of rural colleges in Assam under ACA schemes.

### New academic related

- 5- year LLB degree course introduced in B.R.M. Govt. Law College (2008-2009)
- 4- year BE/ B.Tech, M.Tech. in campus courses introduced in Gauhati University (2009)

### Teacher related

- Service of teaching and non teaching staff of 189 provincialised colleges made pension able.
- Teacher Training & Placement cell set up in 7 Govt. and 189 Provincialised colleges (2009)
- Grant-in- Aid @ ` 5 lakh to 100 Sanskrit Tols announced.
- Payment @ ` 8000/- w.e.f. 2010-2011 to teachers in 142 non Govt. College/ streams announced.

## Health And Family Welfare

The United Nation Organizations programme “Health for all by 2020 AD” contemplates to expand the

infrastructure for public health and medical care in order to ensure quality medical services to common men. To achieve this goal, the State Government has been undertaking various programmes and continuously increasing allocation of fund to the health sector in State Plans.

**TABLE – 19.6**  
**HEALTH INFRASTRUCTURE IN THE STATE**

(Figures in number)

SL No	Public Health Facility	Number	Private Health Facility	Number
1	Medical Colleges Hospitals	6	Private Sector Hospital (Nursing Home)	191
2	State Level Hospital	1 (MMC Hospital in Guwahati)	B.Sc. Nursing colleges	01
3	District Hospital (DH)	22	GNM Training Centre	12
4	Sub Divisional civil Hospital	13	ANM Training Centre	04
5	Primary Health Center	844		
5	Community Health Center	103		
6	Block PHC	149		
7	State Dispensary (SD)	261		
8	Subsidiary Health Centr (SHC)	71		
9	Mini PHC	453		
10	Sub-Centre	4592		
11	B.Sc. Nursing College	1		
12	GNM Training Centre	15		
13	ANM Training Centre	18		

Source: Department of Health Services, Assam

The main objectives of Eleventh Five Year Plan (2007-12) with respect to enhance and strengthen health services at various stages, to remove regional & intra-regional disparities by improving health services in rural, hilly & tribal areas, to decentralize & strengthen regional referral services and to reduce Infant Mortality Rate (IMR), Maternal Mortality Rate (MMR), and Crude Birth Rate (CBR). Status of selected health indicators is shown in Table -19.7.

**TABLE -19.7**  
**STATUS OF SELECTED HEALTH INDICATORS**

Health Indicators	Target under XI Five Year Plan	2007	2008	2009
Crude Birth Rate	18	24.3	23.9	23.6
Crude Death Rate	6.4	8.6	8.6	8.4
Total Fertility Rate	2.1	2.7	2.6	N.A
Infant Mortality Rate	25	66	64	61

Source: Sample Registration Bulletin, R.G.I. New Delhi

To achieve the goal of healthy society the State Government has been undertaking various programmes and continuously increasing allocation of fund to the health sector in the State Plan. The allocation and expenditure for the health sector during the last 10 years, i.e. period from 2001 to 2010 is shown in the following table.

TABLE – 19.8

## ALLOCATION AND EXPENDITURE OF FUND UNDER HEALTH SECTOR IN ASSAM

Sl. No.	Item	Year 2001-02 to 2010-11 (Rs. in lakh)	
		Fund Received	Expenditure Incurred
1	Health Services	576816.85	405662.43
2	Medical Education	273799.13	174355.55
3	IPPI - IX		
4	State Health Society (National Rural Health Mission, Assam)	207790.09	178519.53
5	Assam State AIDS Control Society	11369.4	9911.96
Total		1069775.47	768449.47

Source: Assam 2011, A Development Perspective Report

### Some Achievements

- Construction of five District Civil Hospitals at Amingaon-Kamrup, Bongaigaon, Baska, Udalguri and Dhubri are nearing completion and the Kamrup Civil Hospital at Amingaon has already been made functional. Two such Hospitals one at Sonapur and another at Naharkatia are also taken up for construction and the construction work at Sonapur Hospital has already been started.
- Sick New Borne Care Units (SNCUs) have been set up at MMCH, Guwahati and the Civil Hospitals at Lakhimpur, Tezpur and Nagaon. SNCUs are under construction at Civil Hospitals, Sivasagar, Golaghat, Mangoldoi and Nalbari. This has improved the Health Care facilities for the patients in the State.
- 103 CHCs were targeted for its upgradation to Indian Public Health Standard (IPHS) and out of which 101 already completed.
- To increase the number of supporting paramedical staff, 8 new GNM Schools at Mangaldoi, Morigaon, Goalpara, Hailakandi, Karimganj, Kokrajhar, Haflong and Diphu have been taken up for construction and the works completed except Kokrajhar, Haflong and Diphu.
- The three new Medical Colleges at Jorhat, Tezpur and Barpeta are under construction and the Jorhat Medical Collage Hospital has already been made functional in October 2009 and the admission in 1<sup>st</sup> year MBBS course with 100 seats is awaited only for permission from MCI. 2 (two) other new Medical Colleges at Diphu and Nagaon is in the process of establishment.
- To provide better facilities to the cancer patients in the State, a new 200 bedded Cancer Hospital with modern sophisticated wquipments worth ` 50.00 (fifty) crores at GMCH is under construction.
- Substantial investments have also been made for development of Govt. Ayurvedic College, Guwahati, Regional Dental College, Guwahati and the 3 Homoeopathic Medical Colleges of the State.

### Special Initiatives

State Government took several initiatives for patient welfare some of which are listed below:

- To encourage the doctors to work in the interior areas, financial incentive ranging from ` 3000.00 to ` 5000.00 per month provided to doctors.
- Implantation of Pacemaker and Heart Valves to the heart patients involve cost of more than a lakh and resulted inability of a large number of heart patient to undergo such treatment. With a view to overcome such financial constraints for the heart patients, The Government has already started implementation of providing cost free implantation of Pacemakers and Heart Valves to the heart patients. 1165 patients

have been provided with Pacemakers and 231 patients have been provided with Heart Valves so far.

- The scheme called '*Mamoni*' has ensured the compulsory three Ante Natal Checkups (ANCs) besides Institutional Delivery and cash assistance of `1000/- for the nutrition of the pregnant women during their pregnancy. So far 3,67,051 pregnant women have been benefited under this scheme.
- The scheme called '*Majoni*' has been launched for new born girl child to safeguard the educational help, nutritional right and to empower them equal to male counterpart. Under this scheme, an amount of `5000/- is given in the form of Fixed Deposit every girl child born in health institutions. Till date 51,323 girl child have been benefited under this scheme.
- The wage earners when hospitalized lose their wages during the period of their hospitalization and as such immediately after release from the hospital they use to go to their work without having food resulting further deterioration of their health. In appreciation of the said hard reality faced by the wage earner folk of the State, Govt. have launched the scheme '*Morom*' from April, 2010 so as to provide cash assistance @ `75/- for seven days, in Medical College Hospitals and @ `50/- for Civil Hospitals and `30/- for the CHC/FRU for five days.
- To improve the manpower in rural areas a Diploma course in Medical and Rural Health Care has been introduced and first batch of 92 Rural Health Practitioners have already been posted. Similarly 988 Multi Purpose Workers (Male) have been posted while another 1012 MPW (M) are being recruited for posting in Sub-Centres.
- The *Janani Suraksha Yojana* aims at institutional delivery of pregnant women with regular ante-natal and post-natal check-up through active participation of the ASHAs. The mother is provided with cash assistance of `1400/- in rural areas and `1000/- in urban areas. So far 12,48,406 no. of women have been benefited.
- The Mobile Medical Unit (MMU) services has been started to provide Health Services to the people residing in remote and far flung areas. Each MMU consists of 3 vehicles, 1 vehicle carries the doctors and supporting staff, the 2<sup>nd</sup> vehicle is equipped with x-ray, ultrasound machine and the 3<sup>rd</sup> vehicle has provision of examination and treatment of the patient. All diagnosis and treatment are provided at the site through the MMUs. All the 27 districts have been covered with MMU services. 6861 MMU camps with around eleven lakhs patients have so far been treated through this service till May, 2010.

### **Involvement of Private Sector**

The Govt. of Assam have also welcome the Private investors willing to join hands with Govt. of Assam in the difficult health sectors for its improvement with their capital investment as well as providing highly technical skilled manpower services.

### **Operation Smile – Free Surgery for children cleft palate and cleft lip**

Children having cleft palate and cleft lip have been suffering for malnutrition as they cannot take their food normally for this deformity and so also they cannot speak normally like the other normal children. Such children remain to have left unattended for want of facilities of surgery of cleft palate and cleft lip in the state of Assam. Such treatment available in limited hospitals outside Assam and is a costly affair hence it was a dream for most of the children as their guardians cannot afford to bear such cost.

Realizing the pathetic condition of these children, Govt. of Assam joined hand with the internationally reputed NGO the OPERATION SMILE having their required Experts of international fame with sophisticated equipments for the purpose to undertake treatment for those children in the state of Assam. Accordingly they agreed to provide their services at MMC hospital Guwahati by holding periodical camp treatment. Out of 4003 children screened so far, 2030 children have already been cured from such deformity free of cost

including transportation, food and lodging of the children along with their guardians with surgery at MMCH, Guwahati. It is proposed to set up a Comprehensive Cleft & Child Care Centre at MMCH in this year.

### School Health Programme

Under this Programme students studying in standard I to IV from urban Schools and I to X from rural schools are examined every year and provides free of cost medical services. NRHM with the help of Sarva Siksha Abhijan covers the students from all rural schools. Schools health services are being carried out by 23 schools in the state.

### AYUSH

Scheme under Ayurvedic and Homoeopathic sections will be continued during the period of 11<sup>th</sup> Five Year Plan. The sections under AYUSH which will be implemented in Assam are :

1. Ayurvedic, 2. Yoga & Naturopathy, 3. Homoeopathy.

The Continuing Schemes under AYUSH are:

- Reorientation training of AYUSH personnel.
- Short-term Continuing Medical Education (CME) Programme for general AYUSH practitioners.
- Schemes under I.E.C.
- Centrally Sponsored Scheme (CSS) for control of Ayurvedic and Homoeopathic drugs.

Proposals have been taken up to introduce treatment through Yoga & Naturopathy in the District Civil Hospitals/CHCs/PHCs in phased manner.

One New Directorate of AYUSH is under process for establishment.

### Family Welfare

The Family Welfare Programme, now a centrally sponsored programme under National Rural Health Mission (NRHM) is being implemented in the State since 1956 to reduce the birth rate to stabilize the population, and to improve the health of mothers and child. However, socio- economic factors such as female literacy, age at marriage of girls, status of women and discouragement of strong preference for son influence the main objective of the programme. Though the sterilization was the mainstay of family welfare programme in the past, spacing between births of two children is also an equally important aspect under the programme.

The Government is giving more stress on propagations of spacing methods like Coppee-T, Intra Uterine Device (IUD), Conventional contraceptives (CC) etc. Expenditure incurred under this Family welfare Programme for the period for 2008-09 & 2009-10 was ` 156.60 crore. Performance of Family Welfare programme is shown in Table.19.9.

**TABLE-19.9**  
**PERFORMANCE OF FAMILY WELFARE PROGRAMME**

Sl. No	Name of Schemes	Year			
		2008-2009		2009-2010	
		Target	Achievement (%)	Target	Achievement
1	Sterilization	13800	35.55	150000	54.15
2	I.U.D. Insection	69000	45.15	90000	44.52
3	C.C. users	50000	67.15	90000	55.84
4	O.P. users	50000	94.84	90000	72.07

*Source: Directorate of Health Service (FW), Assam.*

## Universal Immunization Programme

Universal Immunization Programme is implemented to achieve 100 percent immunization and to reduce mortality and morbidity among infants and young children due to vaccine 6 (Six) preventable disease such as tuberculosis, diphtheria, whooping cough, tetanus, polio and measles. Expenditure incurred during 2009-10 was about ` 17.85 crore to carried out Universal Immunization Programme in the State. Number of beneficiaries under Universal Immunization Programme is given in the following Table.

**TABLE- 19.10**  
**NUMBER OF BENEFICIARIES UNDER UNIVERSAL IMMUNIZATION PROGRAMME 2009-10**

Vaccine Name	Beneficiaries
1. BCG	657562
2. DPT-3	613229
3. OPV-3	611267
4. MLS	581680
5. TT(PW) 2+B	595546

*Source: Directorate of Health Service (FW), Assam*

## Incidence of Cancers

Considering the rise of the incidence of Cancers, Cancer Control Programme has been launched in the State as per Govt. of India's guideline. In the 1<sup>st</sup> phase, early Cancer Detection Centres have been set up in Jorhat, Dhubri and Cachar. Two more Centres will be started in Darrang and Barpeta. There is Proposal for construction of Office building of Public Analyst, Drugs Inspector/Food Inspector in each district Head Quarter.

## Water Supply and Sanitation

Providing safe drinking water and safe sanitation facilities to the uncovered and under served rural population is the major and prime task to cater the needs for health and improve the quality of life. Rural water supply and sanitation facilities are essential ingredients in the total programme for rural development. Although most of the habitations (more than 90% ) are covered by goods number of water supply schemes due to quality problem and sustainability of sources as well as lack of peoples participations, increase in population some habitations slipped back from full coverage. To eliminate these drawbacks, a new approach has formulated under National Rural Drinking Water Programme (NRDWP)

### Annual Plan- 2009-10

A physical target is set to render water supply benefit to 6765 nos. of un covered habitation and tackling of water quality problem of 6087 nos. of quality affected habitations during 2009-10 under Rural Water Supply Sector. With the allocated amount of ` 15400.00 lakh under State Plan in general areas and ` 51891.72 Lakh under Central Sector including Sixth scheduled areas is proposed.

Again, under Rural Sanitation Sector it is targeted to construct 510000 nos. of Individual Household Latrine, 24442 nos. of School Sanitary Block, 13650 nos. of Anganwadi Toilets and 113 nos. of community Sanitary Complex at a projected cost of ` 4000.00 Lakh under State Plan.

## Annual Plan- 2010-11

A Physical target is set to render water supply benefit to 7690 nos. of uncovered habitations and 9400 nos. of quality affected habitations during 2010-11 under rural water supply sector and for achieving this target ` 20390.00 lakh under State plan in general areas and ` 121689.00 lakh under central sector is proposed.

Again, under Rural Sanitation Sector it is targeted to construct 713000 nos. of Individual Household Latrine and 113 nos. of community sanitary complex at a projected cost of ` 5616.00 lakh under State sector.

### Physical and Financial target under State Sector during Eleventh Plan

It is proposed to cover 3433 nos. NC and 2554 nos. of PC habitations and 25203 nos. of quality affected habitations under general areas of plain districts with safe drinking water facilities from state sector during the Eleventh Five Year Plan with a total proposed amount of ` 73185.00 lakh under rural water supply sector and ` 11000.00 lakh under rural sanitation sector for total sanitation campaign for all the district.

### Physical and Financial target under Central Sector during Eleventh Plan

It is proposed to cover, 10300 nos. of NC, 8361 nos. of PC habitations and 25203 nos. of quality affected habitations under General areas of Plain districts with safe drinking water facilities.

## Bharat Nirman

Uncovered habitations 33909 numbers are targeted to cover during the Eleventh Five Year Plan. Further, quality affected habitations 29066 numbers are targeted to cover within the period. Besides, all the remaining primary and upper primary schools are also targeted to cover during eleventh five year plan. To achieve the entire target ` 354750.00 under Central sector and ` 73185.00 lakh under State sector is proposed during eleventh five year plan.