

WELCOME TO

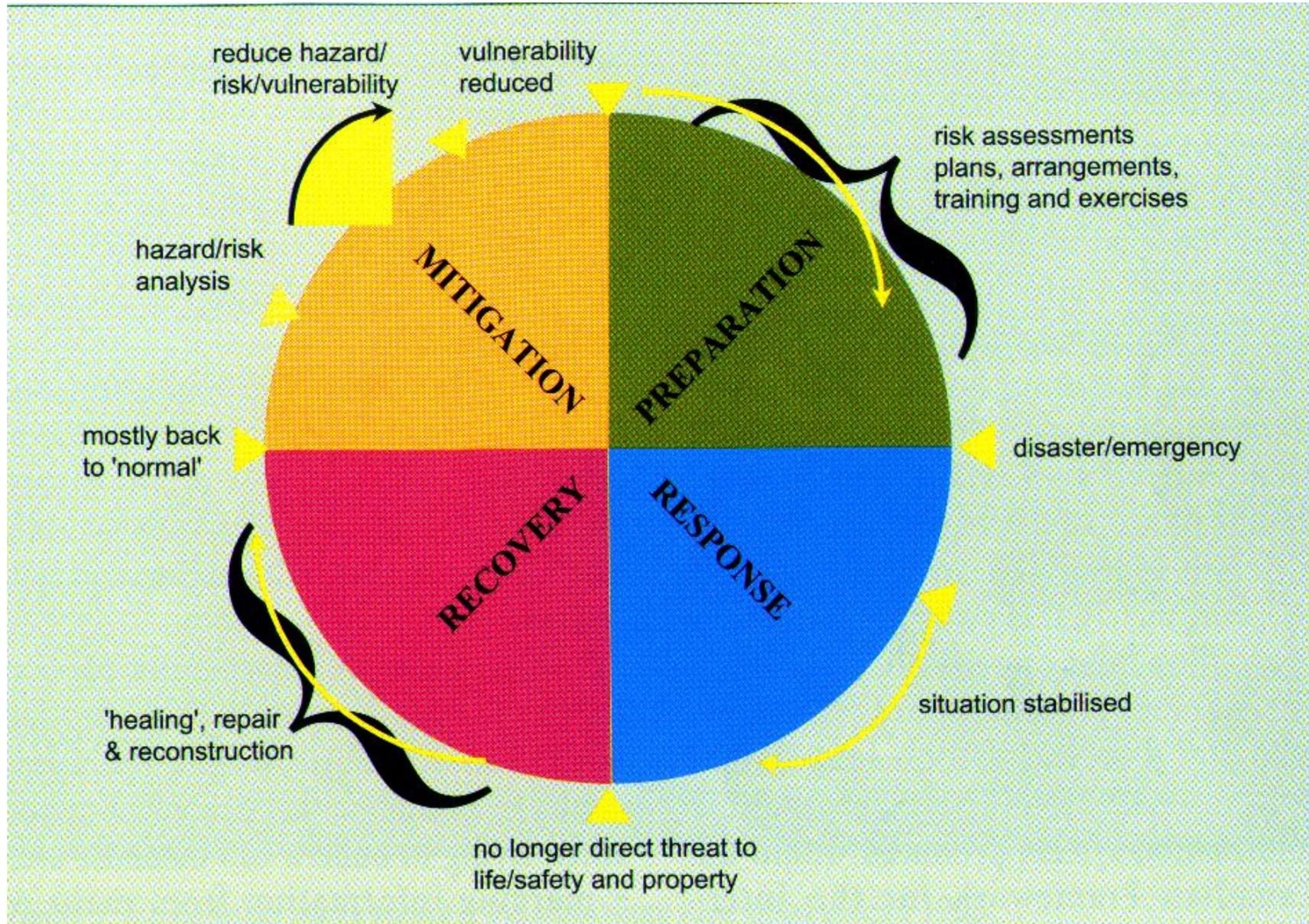
প্রম আৰু নিয়োগ বিভাগ: অসম চৰকাৰ
ঔদ্যোগিক প্রশিক্ষণ প্রতিষ্ঠান, তিনচুকীয়া
DEPARTMENT OF LABOUR & EMPLOYMENT: GOVT. OF ASSAM
INDUSTRIAL TRAINING INSTITUTE, TINSUKIA
ESTD-1964

INDUSTRIAL TRAINING INSTITUTE TINSUKIA

Disaster Management Plan

- ***AN APPLIED SCIENCE WHICH SEEKS, BY THE SYSTEMATIC OBSERVATION AND ANALYSIS OF DISASTERS, TO IMPROVE MEASURES RELATING TO PREVENTION, MITIGATION, PREPAREDNESS, EMERGENCY RESPONSE AND RECOVERY.”***

Disaster Management Cycle



Introduction

- Emergency planning is an integral part of the overall loss control program. It is important for effective management of an accident/incident to minimize losses to people and property, both in and around the facility.

PROFILE

Industrial Training Institute Tinsukia functions under the administrative control of the Directorate of Employment & Craftsmen Training (DE&CT), Assam P.O. Rehabari, Guwahati-8 under the Labour & Employment Deptt. Govt. of Assam.

This institute was established in the year 1964 to impart training to the youths of erstwhile Dibrugarh district for skilling the people to grab gainful employment / self Employment, as per norms & standard laid down time to time by the Directorate General of Employment & Training (DGE&T), Govt. of India.

- This institute has 44 nos. of staff members out of which 25 nos. are technically qualified in different Engg. & Non Engg. discipline.
- It has a population of 564 nos. of trainees who are physically fit to volunteer any assistance in case of any emergency.

DISASTER

- **“A Disaster is a sudden, calamitous event that causes serious disruption of the functioning of a community or a society involving widespread human material economic or environmental losses and impacts which exceeds the ability of the affected community or society to cope using its own resources.”**
---- UN International Strategy for Disaster Reduction, (UNISDR)

- A Disaster is a "Situation or event, which overwhelms local capacity, necessitating a request to national or international level for external assistance; an unforeseen and often sudden event that causes great damage, destruction and human suffering".

----- Centre for Research of Epidemiology of Disaster (CRED), Belgium

HAZARD

- **Hazard:** is a natural physical event which has a **potential to convert into a disaster**, causing widespread injury or deaths and damage to public or private property or the environment.
- **Vulnerability:** means **inability to resist a hazard or respond when a disaster has occurred**.
- It depends on several factors such as people's age and state of health, local environmental and sanitary conditions, as well as on the quality and state of local buildings and their location with respect to any hazards.

--- **UNISDR**

TYPE OF DISASTERS

1. NATURAL

These are the result of natural phenomenon like earth quakes, volcanic eruptions, cyclone, tsunami, floods , hurricanes, floods, tornado, avalanches, cloud bursts, bushfire landslide, draught ,fire, explosion, civil unrest etc.

2. ANTHROPOGENIC(MAN MADE)

These are the result of Man's interaction with the artificial environment he has artificially created., for instance weapons of mass destructions like Nuclear ,Biological, Radiological,Chemical or explosive weapons.

3. HYBRID :

It arises from a linkage of anthropogenic (Man made) & natural calamities.

Disaster Preparedness

- Pre-disaster activities that are undertaken within the context of disaster risk management and are based on sound risk analysis.
- This includes the development/enhancement of an overall preparedness strategy, policy, institutional structure, warning and forecasting capabilities, and plans that define measures geared to helping at-risk communities safeguard their lives and assets by being alert to hazards and taking appropriate action in the face of an imminent threat or an actual disaster.

OBJECTIVES

- The Tinsukia district is very vulnerable to natural disaster mainly exposed to Erosion and floods, and secondly **earthquake** is also a probable threat. Here it may be mentioned that the district experienced a terrible earthquake in 1897, due to which the town has at once submerged in water.
- Experience from earlier disaster, the DDMA has prepared a disaster management plan & ITI Tinsukia will act as line department at EOC.

The main **objectives** of the plan are-

- To rescue and evacuate trapped people
- To provide first aid to the injured

- To take care of children , women and disabled people
- To transfer the seriously injured and people needing urgent medical attention to hospitals
- To restore communication network and essential services
- To clear debris blocking roads and communication network
- To provide shelter and relief to homeless people

- To arrange for food and drinking water to the affected people
- To take immediate measures for disposal of dead bodies and animal carcass to prevent the outbreak of epidemics.
- To take urgent measures for maintaining law and order
- To take the people to safer places
(if necessary)

NECESSITY OF DMP

- The entire **North-eastern region** is one of the most multi-hazard prone region in the Asian continent with different areas being prone to different hazards like Earthquake, flood, landslides and cyclonic storms etc. The vulnerability of natural disasters combined with socio- economic vulnerability of the people living in these states poses a great challenge for the government machinery and underscores the need for a comprehensive plan for disaster preparedness and mitigation. Training and capacity building of the officials dealing with emergency situation would be an important instrument of disaster reduction and recovery.

The **Govt. of India** since the last decade has been actively supporting programs for reduction of vulnerability and risks. UNDP has been a partner of the Government of India in such efforts.

FORMULATION & PREPARATION OF DMP

The plan has been prepared with the following viewpoints-

1. The Deputy Commissioner, Tinsukia is the **Chairman** of District Disaster management authority.
2. Contingency Plan is a continuous process.
3. All are got equal in a crisis situation giving emphasis on special vulnerable groups like economically weaker, sick and ailing, pregnant and lactating mother, old aged etc.
4. During relief measures social auditing ensures transparency.
5. Involvement of women and PRI is a must in the entire process.
6. Mitigation Plan reflecting need base approaches from the grassroots level.
7. Well defined preparedness and Response Plan with a view to **support the District Disaster management authority, Tinsukia.**
8. The Senior most staff of ITI Tinsukia will be the **Nodal officer** for this institute. He will assist the Principal, ITI Tinsukia.

OVERVIEW OF TINSUKIA DISTRICT

- Tinsukia District with its head quarters at Tinsukia was created and started functioning from the year 1989. The District is surrounded by the Arunachal Pradesh in the North, East, and South. In the west it shares boundary with Dibrugarh and Dhemaji District. The district headquarters – Tinsukia town is a densely populated busy commercial centre. The district is rich in Coal and Oil. There are big coal mines at Borgulai, Ledo and Margherita. Digboi Oil Refinery is one of the oldest in the country. There are many Tea Estates in the District.

Geographical Characteristics

1. **Geographical area** 3790 Sq. K.M.

2. **Extension,**

Latitude 27 Degree 23 Minute N to 27 Degree 48 Minute N

Longitude 95 Degree 22 Minute E to 95 Degree 38 Minute E

3. **Climate**

Summer temperature 39 Degree Celsius (Max)

Winter 9 Degree Celsius (Max)

4. **Relative Humidity (%)**

Maximum 96

Minimum 65

COMMUNICATION

1. N.F. Railway line run through the whole of the District from South to North-East Tinsukia is a very important and busy Railway Junction. Makum is another important Railway junction in the District.
2. N.H. 37 passes through the district almost side by side of the Railway line.
3. N.H. 52 runs from Rupaisiding to Arunachal Pradesh through Dirak –Gate. Besides N.H. there are good road communications connecting oil town Digboi, towns having coalmines at Ledo, Margherita, and almost all villages with the District Head Quarter. The nearest Airport Mohanbari is situated in the neighbouring Dibrugarh District and is about 40 km from Tinsukia town.

STATISTICS

- Area- 3790 Sq.K.m
- Population 1325263 nos.
- Sub-Division 3 nos.
- Development Blocks 7 nos.
- Gaon Panchayats 86 nos.
- Police Stations 11 nos.
- Police out post 12 nos.(including 4 border O.P)
- College 17 nos. (including 4 Jr. College, 1 Law College, 2 B.Ed.College ,2 I.T.I)
- H.S. Schools 19 nos.(1 Govt. 18 provincialized)
- High School 64 Govt, 74 Govt. Recognized., 120 venture.
- Primary Schools 1183 nos.

DISASTERS IN TINSUKIA DISTRICT

- **FLOOD**
- Tinsukia district is situated in the riverine region and having a proximity to Dihing-Patkai Range. This district has a high amount of rainfall primarily because of the clouds of the monsoon.

This leads to very high rainfall in the whole district. Such a heavy rainfall causes largely flash floods, and occasionally erosion etc.

- **EARTHQUAKE**

- The whole Tinsukia district falls under the seismic zone V and so vulnerable in terms of Earthquake, as well as the whole district is on alluvial soil stratum and on the foothills of Himalayan range.

The major earthquake that occurred in 1950. It was seen that the physiographic appearance of Sadiya Subdivision was totally changed and the whole road communication network was disrupted.

- **STORM**

- There are frequent occurrence of storm and heavy rain in Tinsukia district especially in Margherita Sub- division. There are incidents of recurrent storm in the subdivision.

- **EROSION**

- Erosion is a major problem in Tinsukia District. It will be mention-worthy that the effect of erosion in Dibru-Saikhowa WLS Division, a National Heritage spot, is of great importance as it may aggravate the effect of any major flood or earthquake in future causing heavy loss of human life and property along with wildlife.

- **INDUSTRIAL AND CHEMICAL ACCIDENTS**

- Tinsukia is primarily an agricultural district with industrial areas accounting less than 1% of the total area of the district. There is IOCL refinery at Digboi & its marketing terminal at Tinsukia and CIL establishments in Ledo near Margherita along-with one LPG bottling plant at Gopanery near Makum Railway Junction. There are no major incidents in these establishments in the past except one terrorist attack on oil storage tank on 7/3/2003 and a fire broke out at PNGB Road in Digboi town due to oil pilferage from oil field on 13/5/2009.

- There are many small tea gardens and industries located near human habitats in the district
- which may pose a threat of contamination of paddy field as well as ground water causing damage to both human and livestock.

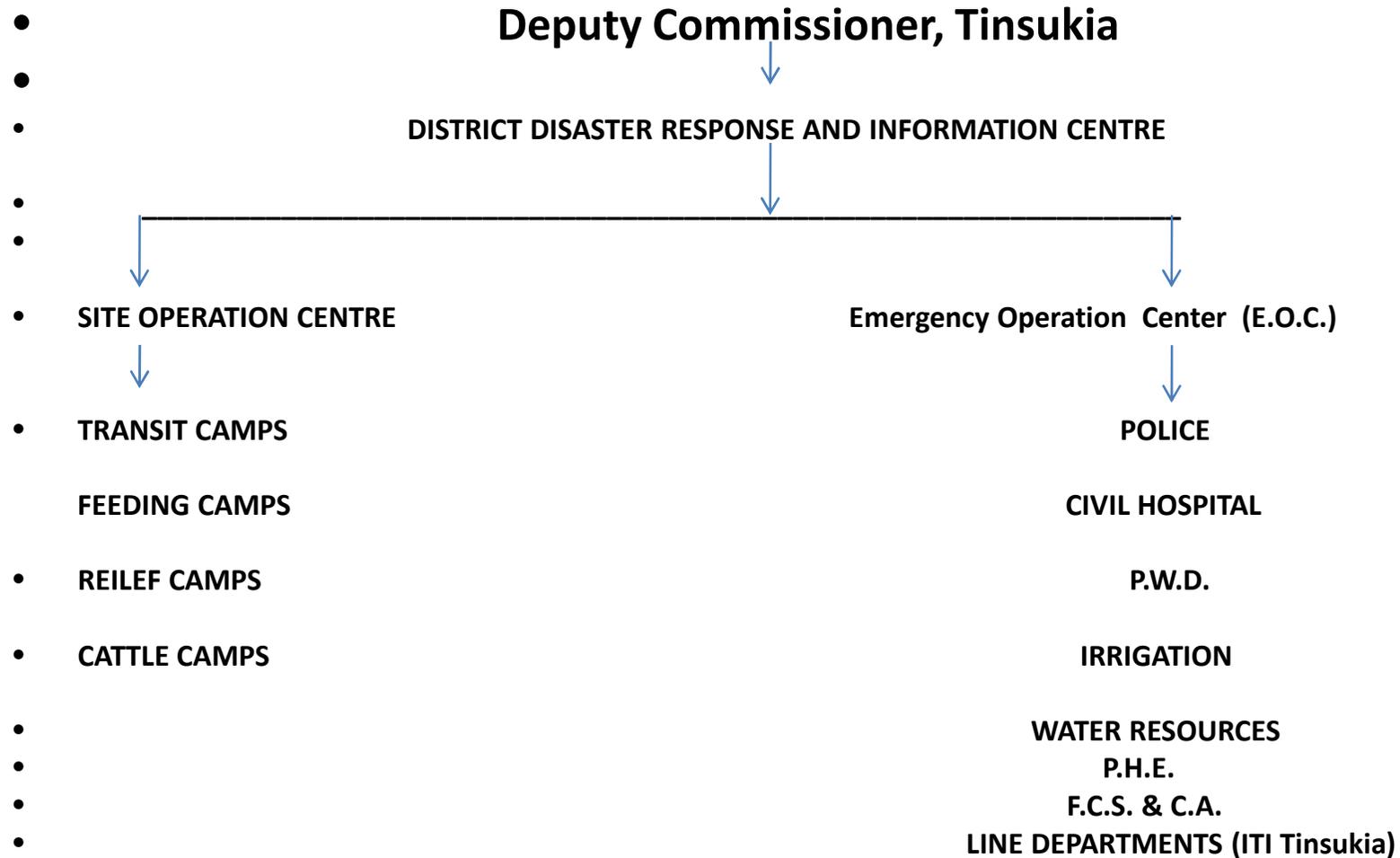
VULNERABLE POINTS OF TINSUKIA DISTRICT IN TERMS OF FLOOD

- Based on the previous history, Tinsukia district has an unexpected rainfall and flash flood.
- The major river flows through the district are Brahmaputra, Buri-dihing, Na-dihing, Dirak, Dibru, Dangori and Dhola river and that also cause annual floods and river bank erosion.
- The major rivers cause flood at least once a year.
- Different points in Tinsukia, Doomdoma, Margherita, Sadia revenue circles are prone to flood as per records available with DDMA, Tinsukia.

INSTITUTIONAL MECHANISM

- The disaster management will be more effective and sustainable if it is institutionalised. For this purpose Government of India has already passed Disaster Management Act 2005 on 23rd December, 2005, where it is clearly outlined that a Disaster Management Authority to be formed at the district level. It will be the apex body at the district level. Disaster management would involve many layers of participating organisation. The three focal levels would be State, District and the site of the disaster. The State level agencies would be involved in policy/decisions making, resource and budget allocation and monitoring through the State Emergency Operations Centre (EOC).
- Similarly, at district level a District Disaster Management Authority is already formed and activated to mitigate any unexpected situation in the district.

Structure at District Level Co-ordination, Tinsukia



- As one of the line Departments, ITI Tinsukia will contribute its efforts under EOS, as may be assigned by the DDMA, Tinsukia.
- Sri Saranan Borah Instructor Draughtsman Mechanical has been assigned the task of Nodal Officer, in respect of ITI Tinsukia.
- He will be supported by all other staffs of ITI Tinsukia, as the need arises.

Contact Number of ITI Tinsukia Staff

Sl.No	Name of the Staff	Contact No.	Sl.No	Name of the Staff	Contact No.
01	Sri Saranan Bora	9435336368	24	Md. Lokman	9957665665
02	Sri Dulal ch. Dutta	9435393328	25	Sri. Bin Bahadur Chetry	
03	Sri. Ratul Sonowal	8486985413(PP)	26	Sri Bidyut Ranjan Baruah	9859130052
04	Sri Bhaskar Dev Adhikari	8472910801	27	Sri Bhuban Gogoi	9707657857
05	Sri Dhiraj Biswas	9401102782	28	Sri Sushil Baruah	9435393313/ 9678197440(PP)
06	Sri. Kumbheswar Sonowal	9401338864	29	Sri Gopal Krishna Das	9954791641
07	Sri Kalyan Sharma	9435393997	30	Sri Prodip Bourah	9435277700
08	Sri Kumarendra Sarma	9957296728	31	Sri Surajit Shyam	9706887807
09	Sri Narakanta Das	9706973048	32	Sri Purna Kt. Sharma	9435336751
10	Sri. Rajib Khound	9435393338	33	Sri. Jatin Hazarika	
11	Sri Apurba Baishya	9435336755	34	Sri. Amrit Seal	9957727605
12	Smti Baby Das	9706507894	35	Sri. Sanjoy Gohain	
13	Sri. Tuleswar Gogoi	9435675576	36	Sri. Surendra Nath Baruah	9954791574
14	Sri. Aniruddha Das	9859229550	37	Sri. Bishu Acharjee	
15	Sri Nitish Choudhuri	9435455289	38	Sri. Rajen Sharma	9859192277
16	Miss. Mousumi Dihingia	9954868307	39	Sri. Basu Bazfor	

Sl.No	Name of the Staff	Contact No.	Sl.No	Name of the Staff	Contact No.
17	Sri. Hari Narayan Laskar	9864485336	Staffs under IMC		
18	Sri Palash Dutta	9401130409	40	Sri Bijoy Rajak	9435570825
19	Sri. Kamal Choudhury	9864168758	41	Sri Harjyoti Medhi	9854963787
20	Sri. Bhujangadhar Roy	9401102781	42	Sri Manash Jyoti Buragohain	8721020674
21	Sri. Bidyut Jyoti Das	9864725060	43	Miss Smrita Borgohain	9706178066
22	Sri J.B.Chetry	7896837536	44	Sri Arun Goswami	9854700094
23	Sri Rajkumar Kumbhakar	9954051580			

THANK YOU