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## FOREWORD

The task of natural resources conservation and management has acquired new dimensions in the backdrop of accelerated materialistic demands and consumption by human society and of (often) erratic and catastrophic climatic and weather shifts. On the other hand, the adaptation of new and improved techniques, concepts and technologies are making much inroad in the conservation and management methods of natural resources.

The Department of Soil & Water Conservation of the State of Meghalaya has, to a great extent, been able to rise to the occasion as reflected in this Annual Report which contains the functioning of the Department as envisaged in its aims and objectives. The main objective of this booklet is to provide information on the efforts and endeavours of the Department and to enable a wide spectrum of interested individuals and agencies to understand the intricacies and the goals for which the Department is striving for. This, I hope, would enable common sharing of ideas and experiences and pave the way for networking and co-operation at all levels in as far as natural resources conservation and management is concerned.

I therefore take this privilege to extend my thanks to the functionaries and officers of the Department who are involved in their various capacities in the implementation of schemes and projects of the Department. I also express my gratitude to the different Departments and Agencies that were associated with the Department throughout the years.

The undersigned would be failing in my duty if I forget to keep on record the guidance and help received from the Hon'ble Minister, i/c Soil & Water Conservation and the Commissioner and Secretary and his officers and staff of the Soil & Water Conservation Administration Department. My grateful thanks also go to the regulatory Departments of Finance, Planning, Personnel & Administrative Reform and Agriculture and Horticulture Departments for extending necessary guidance and help in implementing myriad of schemes and programmes.

*Sd/-  
Director of Soil & Water  
Conservation, Meghalaya,  
Shillong.*

## INTRODUCTION

Against the backdrop of accelerated eco-degradation, the matter of natural resources conservation and management was further compounded by man-induced negative practices. The natural resources much affected by this are land, vegetation and water sources, which are vital to the survival of man.

To check eco-system degradation, the Soil and Water Conservation Department of Meghalaya was entrusted with the undertaking to formulate and implement a series of projects and schemes covering a wide gamut of activities that would ensure re-generation, conservation, management of the vital natural resources as well as initiating process for sustainable development.

### Activities of the Department

- Integrated Watershed management.
- Management of Jhum (Shifting Cultivation) through
  - Alternative farming systems.
  - Improving the productivity of Jhum areas
- Reclamation of wastelands.
- Land Development – terracing, bunding, and reclamation of cultivable land.
- Streambank Erosion Control of cultivated and cultivable lands.
- Water Harvesting to harness rainwater and surface runoff for multipurpose uses.
- Water Conservation and Distribution by impounding water of streams and rivulets and subsequently distributing it to developed land.
- Afforestation of barren hillocks or degraded zzz land by planting suitable tree species.
- Agro-forestry by growing tree species compatible with agricultural crops in agricultural land.
- Horticulture/Plantation Crops Development by growing of crops such as coffee, rubber, cashewnut, citrus, etc.
- Reclamation/Revitalization of Traditional Water harvesting structures.
- Training of farmers and other stakeholders.
- Creating Environmental Awareness.

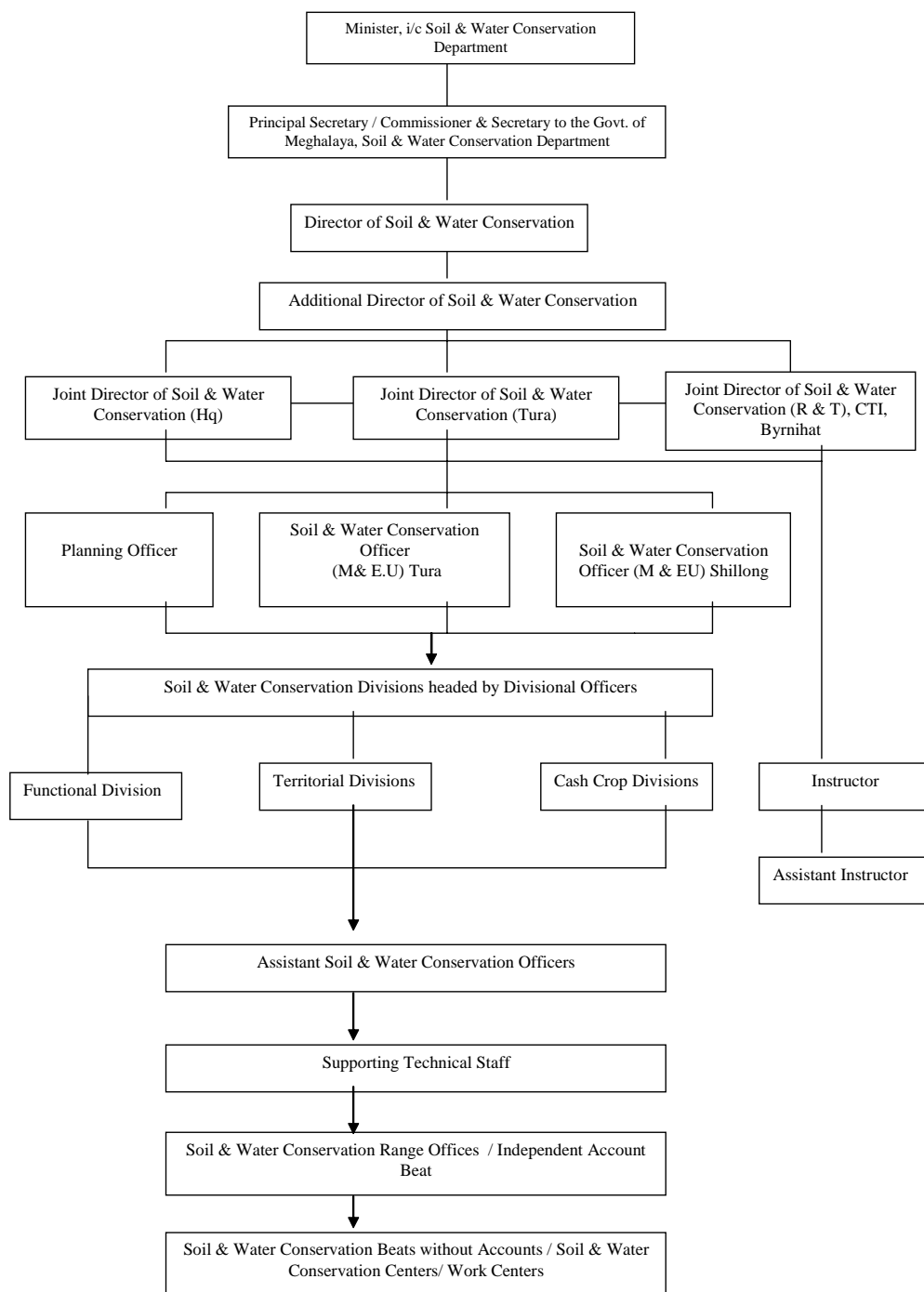
#### Strategy and Approach

- Identify areas which require soil and water conservation interventions.
- Determine remedial measures in consultation with the affected community / individuals.
- Facilitate the implementation of the programmes by the community/ individuals by providing technical and financial support.
- Capacity Building for organizational and participatory skills at the grassroots level to enable stakeholders to take up proper planning, implementation, management, credit operation and evaluation of the projects.

### The Department calls for-

- Co-operation and participation from village communities and individuals.
- Willingness of the community / individuals to maintain and protect the assets created.

## ORGANISATIONAL SET-UP OF THE SOIL AND WATER CONSERVATION DEPARTMENT



## ADMINISTRATIVE SET-UP OF THE DEPARTMENT

### Directorate

- Planning
- Engineering
- Survey
- Project Formulation
- Cartography
- Monitoring & Evaluation
- Extension & Publicity

### Joint Directorates

Research & Training, Conservation Training Institute, Byrnihat, Jhum Control, Tura

### FIELD EXECUTIVES

In the field, the works of the Department are executed by the Territorial and the Cash Crop Divisions supported by the Soil and Water Conservation Ranges and Soil and Water Conservation Beats-

#### *Name of Divisions*

##### *East Khasi Hills*

#### **Shillong Soil and Water Conservation Territorial Division.**

- Southern Soil and Water Conservation Range, Mawphlang.
- Shillong Soil and Water Conservation Range, Shillong.
- Laitlyngkot Soil and Water Conservation Range, Laitlyngkot.
- Watershed Management Soil and Water Conservation Range, Shillong.
- Weiloil Soil and Water Conservation Beat Office, Weiloil.

#### **Shillong Soil and Water Conservation Cash Crop Division.**

- Shillong Soil and Water Conservation Cash Crop Range, Shillong.

##### *Jaintia Hills :*

#### **Jaintia Hills Soil and Water Conservation Territorial Division.**

- Jowai Soil and Water Conservation Range, Thadlaskein.
- Khliehriat Soil and Water Conservation Range, Khliehriat.
- Lumshnong Soil and Water Conservation Range, Lumshnong.
- Amlarem Soil and Water Conservation Range, Amlarem.
- Watershed Management Soil and Water Conservation Range, Jowai.

**Jaintia Hills Soil and Water Conservation Cash Crop Division.**

- Amlarem Soil and Water Conservation Cash Crop Range, Amlarem.
- Lumshnong Soil and Water Conservation Cash Crop Range, Lumshnong.
- Namdong Soil and Water Conservation Cash Crop Range, Namdong.

***West Khasi Hills :*****Nongstoin Soil and Water Conservation Division.**

- Mawkyrwat Soil and Water Conservation Range, Mawkyrwat.
- Sonapahar Soil and Water Conservation Range, Riangdo.
- Mairang Soil and Water Conservation Range, Mairang.
- Border Areas Soil and Water Conservation Range, Ranikor.
- Nongstoin Soil and Water Conservation Range, Nongstoin.
- Watershed Management Soil and Water Conservation Range, Nongstoin.
- Sonapahar C.C. Beat Office, Sonapahar.

***Ri-Bhoi :*****Ri-Bhoi Soil and Water Conservation Division.**

- Northern Soil and Water Conservation Range, Nongpoh.
- Western Soil and Water Conservation Range, Patharkmah.
- Marngar Soil and Water Conservation Cash Crop Range, Marngar.
- Umroi Soil and Water Conservation Beat Office, Umroi.
- Sonidan Soil and Water Conservation Range, Sonidan.

***West Garo Hills :*****Tura Soil and Water Conservation Territorial Division.**

- Baghmara Soil and Water Conservation Range, Baghmara.
- Southern Soil and Water Conservation Range, Machangpani.
- Central Soil and Water Conservation Range, Thebronggre.
- Anogre Soil and Water Conservation Range, Anogre.
- Damjonggre Soil and Water Conservation Range, Garobadha.
- Jongchipara Soil and Water Conservation Range, Jongchipara.
- Watershed Management Soil and Water Conservation Range, Tura
- Chokpot Soil & Water Conservation Territorial Beat, Chokpot.

**Tura Soil and Water Conservation Cash Crop Division.**

- Danakgre Soil and Water Conservation Cash Crop Range, Danakgre.
- Ampati Cash Crop Soil and Water Conservation Beat Office, Ampati.
- Dadengre Cash Crop Soil and Water Conservation Beat Office, Dadenggre.

***East Garo Hills :***

**Simsanggre Soil and Water Conservation Division.**

- Northern Soil and Water Conservation Range, Wageasi.
- Eastern Soil and Water Conservation Range, Songzak Bonegre.
- Mendipathar Soil and Water Conservation Range, Mendipathar.
- Williamnagar Soil and Water Conservation Cash Crop Range, Williamnagar.
- Wageasi Cash Crop Range, Wageasi.
- Bajengdoba Cash Crop Beat Office, Bajengdoba.
- Rongjeng Cash Crop Beat Office, Rongjeng.
- Kharkutta Cash Crop Beat Office, Kharkutta.
- Watershed Management Soil and Water Conservation Range, Williamnagar.
- Adolgre Beat Office, Adolgre.

***South Garo Hills :***

**South Garo Hills Soil and Water Conservation Cash Crop Division.**

- Baghmara Soil and Water Conservation Cash Crop Range, Baghmara.
- Chokpot Soil and Water Conservation Cash Crop Range, Chokpot.
- Rongara Soil and Water Conservation Cash Crop Beat Office, Rongara.

**MANPOWER 2005-2006**

Sl. No.	Name of Office	Class I Gazetted	Class II Gazetted	Class III	Ministerial Staff		Field Staff		Total
					Grade III (Nos.)	Grade IV (Nos.)	Grade III (Nos.)	Grade IV (Nos.)	
1	2	3	4	5	6	7	8	9	10
1	Directorate	5 Nos.	6 Nos.	2 Nos.	44	12	1	1	71 Nos.
2.	Jt. Director Tura	2 Nos.	1 No.	-	7	4	-	-	14 Nos.
3.	C.T.I.	5 Nos.	7 Nos.	8 Nos.	37	38	3	5	103 Nos.
4.	Shillong (T) Divn.	1 No.	4 Nos.	5 Nos.	37	23	47	12	129 Nos.
5.	Tura (T) Divn.	1 No.	4 Nos.	12 Nos.	47	41	105	-	210 Nos.
6.	Jowai (T) Divn.	1 No.	3 Nos.	6 Nos.	37	34	73	1	155 Nos.
7.	Nongstoin Divn.	1 No.	4 Nos.	7 Nos.	41	37	60	3	153 Nos.
8.	Simsanggre	1 No.	4 Nos.	5 Nos.	36	38	62	-	146 Nos.
9.	Shillong (CC)	1 No.	2 Nos.	4 Nos.	11	5	30	15	68 Nos.
10.	Tura (CC)	1 No.	2 Nos.	3 Nos.	12	6	73	-	97 Nos.
11.	Jowai (CC)	1 No.	1 No.	3 Nos.	9	6	18	4	42 Nos.
12.	Ri Bhoi	1 No.	1 No.	2 Nos.	9	13	40	-	66 Nos.
13.	Baghmara	1 No.	1 No.	1 No.	9	7	30	-	49 Nos.
14.	Soil Survey	1 No.	2 Nos.	5 Nos.	15	45	13	-	81 Nos.
15.	P.F.C.	1 No.	4 Nos.	5 Nos.	11	15	10	-	46 Nos.
16.	S & WC Engineering Divn	1 No.	-	2 Nos.	5	5	6	-	19 Nos.
	<b>TOTAL :</b>	<b>25 Nos.</b>	<b>46 Nos.</b>	<b>70 Nos.</b>	<b>367</b>	<b>329</b>	<b>571</b>	<b>41</b>	<b>1449 Nos</b>

## EDUCATION & TRAINING 2005-2006

### A. Training at Conservation Training Institute, Byrnihat:

1. A five-day Orientation Training Course for enhancing productivity of degraded lands in the catchments of River Valley Projects and Flood Prone Rivers was conducted from the 18<sup>th</sup> April 2005 to 22<sup>nd</sup> April 2005. The Resource persons for the course were drawn from the ICAR Complex for North Eastern Region, Umiam and from the Instructors of Conservation Training Institute, Byrnihat.  
Altogether, 18 Officers from different Departments which include Agriculture, Forest, Soil & Water Conservation Department of Nagaland, Mizoram and Meghalaya participated in the training.
2. The 32<sup>nd</sup> Batch Field Assistant Trainees of Conservation Training Institute, Byrnihat, went on a study tour to East Khasi Hills, West Khasi Hills & Ri-Bhoi Districts from the 9<sup>th</sup> to 21<sup>st</sup> May, 2005, to study the various works of Soil & Water Conservation, Forestry, Agriculture, Watershed Management, Central Sector Scheme, NABARD Scheme, Horticulture, Study of Rocks and Minerals, Science & Technology undertaken by the Department in the above Districts.
3. A training programme on Office Management for Soil & Water Conservation Rangers was held for 3 days from the 26<sup>th</sup> to 28<sup>th</sup> May, 2005, where 19 Soil & Water Conservation Rangers drawn from all seven Districts of the State attended. The Resource persons for the training were Shri S.M.R.Sawkmie, MFS (Retd), Director of Accounts and Treasury, Meghalaya and Instructors of Conservation Training Institute, Byrnihat.
4. On 7<sup>th</sup> September, 2005 a study tour was conducted by the trainees of the Forest Training School, Dimapur to study the various activities at the Conservation Training Institute, Byrnihat.
5. The 33<sup>rd</sup> Batch 11-months Field Assistant Training course commenced on 15<sup>th</sup> October, 2005. Altogether there were 17 trainees drawn from Khasi Hills, Garo Hills and Jaintia Hills, Autonomous District Councils and Soil & Water Conservation Divisions.
6. On the 25<sup>th</sup> November, 2005, the Conservation Training Institute, Byrnihat in collaboration with the Meghalaya State Council of Science, Technology and Environment (SCSTE), Shillong, organized a one-day Technology Awareness Camp at the Conservation Training Institute Campus. The camp was presided by Shri R.R.B.R. Thabah, Joint Director of Soil & Water Conservation (R & T), while Shri R.D. West, Member Secretary, SCSTE, was the resource person. About 50 participants from the adjoining villages viz., Aphanggre, Matchokgre and Umpher including F.A. Trainees attended the Camp.

**B. Training of Gazetted Officers:**

1. An Interface meeting on Training, Planning and Need Assessment was conducted by EEI, Jorhat on the 19<sup>th</sup> April 2005 at the Directorate of Agriculture, Shillong. This was attended by Shri A.Syiem, Joint Director of Soil & Water Conservation (Hq), Shri G.Kharmujai, Divisional Soil & Water Conservation Officer, Shri A.S. Kharlukhi, Assistant Soil & Water Conservation Officer and Smti I.Rynjah, Assistant Soil & Water Conservation Officer.
2. Shri G.Chakravarty, Assistant Soil & Water Conservation Officer (Instructor), Conservation Training Institute, Byrnihat and Shri A.B.S. Swer, Assistant Soil & Water Conservation Officer, Conservation Training Institute, Byrnihat attended the Direct Trainer Skill-II Course –DTS II at the Institute of Secretariat Training and Management, Department of Personal and Training, New Delhi from 25<sup>th</sup> –29<sup>th</sup> April, 2005.
3. A workshop on monitoring and Evaluation was held at Extension Education Institute, Assam Agriculture University, Jorhat from the 16<sup>th</sup> –21<sup>st</sup> May 2005. Shri K.S.Nongkynrih, Soil & Water Conservation Officer (MEU), Smti P.P.Lyngdoh, Assistant Soil & Water Conservation Officer (MEU) and Smti B.H.Syiem, Assistant Soil & Water Conservation Officer, Nongstoin, attended the workshop.
4. A course on Office Management for RD Functionaries through intervention of IT was conducted at NIRD, Guwahati from 6<sup>th</sup> -11<sup>th</sup> June 2005. Shri S.K.Sangma, Divisional Soil & Water Conservation Officer Tura (T) and Shri K.S.Thubru, Divisional Soil & Water Conservation Officer Jowai (T) attended.
5. Training of Trainers Programme on ‘Participatory Watershed Management was conducted at NIRD, Guwahati from the 20<sup>th</sup> -30<sup>th</sup> June 2005. Shri B.Kharmalki, Divisional Soil & Water Conservation Officer (Instructor) and Shri C.Sen, Assistant Soil & Water Conservation Officer (Instructor) attended the training.
6. On the 11<sup>th</sup> July 2005, Smti I.Rynjah, Assistant Soil & Water Conservation Officer (Extn), Directorate of Soil and Water Conservation, Shillong, attended a workshop on ‘The State of Govt. of Meghalaya, Present status & strategies for future, at Raitong Building, Shillong.
7. The following officers of the Soil and Water Conservation Department attended the Regional Workshop on ‘Integrated Wasteland Development Project/Hariyali Project, organized by NERIWALM at the Administrative Staff College, Khanapara, Guwahati on the 12<sup>th</sup> & 13<sup>th</sup> July 2005.
  1. Shri K.C. Momin – Director, Soil and Water Conservation.
  2. Shri A.Syiem – Joint Director, Soil and Water Conservation (Hq)

3. Shri D.S.Kharsyntiew – Joint Director, Soil and Water Conservation (Research & Training) Conservation Training Institute, Byrnihat.
  4. Shri R.W.Momin - Joint Director, Soil and Water Conservation, Tura.
  5. Shri S.R.Nonghulu, Divisional Soil and Water Conservation Officer, Nongpoh Division.
  6. Shri K.S.Thubru, Divisional Soil and Water Conservation Officer, Jowai (T) Division.
  7. Shri K.W.Marbaniang, Divisional Soil and Water Conservation Officer, Shillong (T) Division.
  8. Shri K.M.Syiem, Divisional Soil and Water Conservation Officer, Nongstoin Division.
  9. Shri S.K.Sangma, Divisional Soil and Water Conservation Officer, Tura (T) Division.
  10. Shri S.A. Sangma, Divisional Soil and Water Conservation Officer, Simsanggre Division.
  11. Shri L.N.Marak, Divisional Soil and Water Conservation Officer, Baghmara (CC) Division.
8. On the 8<sup>th</sup> August 2005, Smti I. Rynjah, Assistant Soil & Water Conservation Officer (Extn), Directorate of Soil and Water Conservation, Shillong attended the State Level Orientation Workshop on “Support to State Extension Programmes for Extension Reforms” at the seminar room of the Directorate of Agriculture, Meghalaya, Shillong.
  10. Shri H.Thubru, Assistant Soil & Water Conservation Officer, Jowai (CC) attended the 6 (six) days training course on Storage Research Plan at Directorate of Agriculture, Shillong from the 26<sup>th</sup> -31<sup>st</sup> August 2005.
  11. The officers of the Soil & Water Conservation Department, Meghalaya attended training on Computer Courses at the National Institute of Rural Development, Khanapara, Guwahati, on the following dates.
 

<ol style="list-style-type: none"> <li>1. Shri S.P.Kafley, Divisional Soil and Water Conservation Officer, Engineering Division.</li> <li>2. Shri A.Lamare, Assistant Soil &amp; Water Conservation Officer, Soil Survey Division.</li> </ol>	}	From 18 <sup>th</sup> July 05-23 <sup>rd</sup> July 05
<ol style="list-style-type: none"> <li>3. Shri A.S.Kharlukhi, Assistant Soil &amp; Water Conservation Officer, Shillong (T) Division.</li> <li>4. Shri D.Challam, Divisional of Soil and Water Conservation Officer, Soil Survey Division.</li> </ol>	}	From 15 <sup>th</sup> Aug 05 – 20 <sup>th</sup> Aug 05

- |  |   |  |
|--|---|--|
| <p>1. Shri D.Khonglah, Assistant Soil &amp; Water Conservation Officer, Jowai (T) Division</p> <p>2. Shri R.V.Jyrwa, Assistant Soil &amp; Water Conservation Officer, Ri-Bhoi Division.</p>  | } | From 22 <sup>nd</sup> Aug 05 – 27 <sup>th</sup> Aug 05 |
| <p>3. Shri S.S.Kharsyntiew, Assistant Soil &amp; Water Conservation Officer, Nongstoin Division.</p> <p>4. Shri H.R.Sangma, Assistant Soil &amp; Water Conservation Officer, Tura (CC) Division</p>                                | } | From 5 <sup>th</sup> Sept 05-10 <sup>th</sup> Sept 05. |
| <p>5. Smti S.Pohsnem, Assistant Soil &amp; Water Conservation Officer, P.F.C Division</p> <p>10. Smti I.Rynjah, Assistant Soil &amp; Water Conservation Officer (Extn) Directorate of Soil &amp; Water Conservation, Shillong.</p> | } | From 6 <sup>th</sup> Mar 06- 11 <sup>th</sup> Mar      |
12. The Soil & Water Conservation Department deputed Shri D.L. Warbah, Divisional Soil and Water Conservation Officer (Instructor), Conservation Training Institute, Byrnihat to attend a training programme on Hydrology & Sediment Monitoring for small Watersheds for the Field/Project Officers engaged in Soil & Water Conservation Programmes Watershed Management at Soil & Water Conservation Training Centre, Hazaribagh. The training was held from 29<sup>th</sup> Aug 05 – 8<sup>th</sup> Sept 05.
13. Shri A.B.S.Swer, Assistant Soil & Water Conservation Officer, Nongpoh Division, Shri H.S.Kharpran, Assistant Soil & Water Conservation Officer, Shillong (T) Division and Smti M.Diengdoh, Assistant Soil & Water Conservation Officer (Cartography) Directorate, Shillong attended a one-day Awareness Programme on Organic Farming at Rural Resource Training Centre, Umiam, Ri-Bhoi on the 5<sup>th</sup> Sept '05.
14. Smti I.Nongkhlaw, Assistant Soil & Water Conservation Officer, Project Formulation Cell and Smti P.R.Marak, Assistant Soil & Water Conservation Officer, Soil Survey Division attended a Workshop on “Gender Sensitization” at EEI, AAV, Jorhat from the 12<sup>th</sup> -16<sup>th</sup> Sept 2005.
15. Shri J.Swer, Assistant Soil & Water Conservation Officer, Shillong (T) Division, Shri H.Thubru, Assistant Soil & Water Conservation Officer, Jowai (CC) Division and Shri Z.A.Kurbah, Assistant Soil & Water Conservation Officer, Conservation Training Institute attended the Training on “Participatory Watershed Management at NIRD, Khanapara, Guwahati from the 12<sup>th</sup> -17<sup>th</sup> Sept 2005.
16. Shri O.T.Lyngwa, Assistant Soil & Water Conservation Officer, (Mech), Directorate, Shillong, attended the training programme on ‘Technology Options For Quality

Control Standardization and Packaging For Rural Products’ at SIRD, Nongstoin, Meghalaya from the 26<sup>th</sup> Sep-1<sup>st</sup> Oct 2005.

17. On the 14<sup>th</sup> October, 2005, Shri R.R.B.R. Thabah, Divisional Soil and Water Conservation Officer (Instructor), Conservation Training Institute, Byrnihat, attended the workshop on ‘Generation of Spatial Data of Natural Resources in Khasi Hills’ at the Conference Hall University Guest House, Permanent Campus, Mawkyntoh.
18. Shri K.S. Nongkynrih, Soil & Water Conservation Officer (M&E), attended a Workshop on ‘Interface for Technology Development and Transfer’ at NEHU permanent campus on the 10<sup>th</sup> November 2005.
19. Shri D.Langstieh, Divisional Soil and Water Conservation Officer, Project Formulation Cell and Shri K.S. Nongkynrih Soil & Water Conservation Officer (M& E), attended the Training Programme on “Project Monitoring and Management” at Shillong club, Shillong from the 19<sup>th</sup> -21<sup>st</sup> December, 2005.
20. The Director of Soil and Water Conservation, Meghalaya, Shillong, Shri K.C.Momin attended a two- day workshop on ‘Making Sustainable Development A Reality-Reality Checks’ at the Administrative Staff College, Khanapara, Guwahati, on the 30<sup>th</sup> -31<sup>st</sup> Jan 2006.

He also attended a National Seminar on ‘Land Resource Management for Sustainable Development’ from the 16<sup>th</sup> -17<sup>th</sup> Feb, 2006 at the Administrative Staff College, Khanapara, Guwahati.

21. Shri A.Syiem, Additional Director of Soil & Water Conservation, Shillong attended a Regional Workshop on Soil & Water Conservation at NERIWALM, Tezpur from the 6<sup>th</sup> -8<sup>th</sup> March 2006.
22. On the 24<sup>th</sup> March 2006, a one-day training programme under IWDP on PRA Exercise for all Field Staff & Officers under Nongstoin Soil and Water Conservation Division, was organized at the Division Training Hall, Nongstoin, 34 nos participants attended the training. Dr. A.K.Nongkynrih, Faculty member, Department of Sociology, NEHU was the resource person.

**C. Training, Awareness Programme, etc of Farmers, Self Help Groups (SHGs), etc.**

1. A one-day capacity building on Self Help Groups (SHGs) formation and its function was held at the Soil and Water Conservation Training Hall, Nongstoin on the 14<sup>th</sup> April 2005. Altogether 66 nos. of participants from the Umiap River Valley Project (Phase-II) and 40 nos. participants from the Kynhiew River Valley Project participated in the Training programme.

2. An Awareness Programme on Soil and Water Conservation Measures was conducted at Thadmyntri village on the 27<sup>th</sup> April 2005, where the Officers of the Department delivered speeches on the topic and explained the guidelines and programmes to be implemented under IWDP.
3. An Interface Meeting Self Help Groups (SHGs) on Identification and Selection of Infrastructure Development under SGSY was held at Sadew Community Hall on the 29<sup>th</sup> April 2005.
4. An Awareness Programme on formation of Self Help Groups (SHGs) in relevance with the SGSY was held on 20<sup>th</sup> May 2005 at Umiew Maw-u-Sam Presbyterian L.P.School (East Khasi Hills).
5. An Awareness Programme on Watershed Development was held at Myllat Upper Primary School, Myllat on 30<sup>th</sup> May 2005 (East Khasi Hills).
6. An Awareness Programme cum training on Watershed Development was held on the 6<sup>th</sup> June 2005 in the Community Hall, Pongkung, under Mawsynram Community Block, East Khasi Hills.
7. An Awareness Programme cum training on Watershed Development IWDP (2003-2004) was held at the L.P.School, Diengpasoh on the 9<sup>th</sup> June 2005.
8. An Awareness Programme cum training on Watershed Development was held at Umdiengpoh, Ram Krishna L.P.School on the 10<sup>th</sup> June 2005.
9. An Interface meeting of Self Help Groups (SHGs) on Watershed Development Programmes (WDPSCA/IWDP) was held at Don Bosco Youth Centre, Shillong on the 15<sup>th</sup> June 2005.
10. On starting eight new Hariyali Projects in West Garo Hills District, the Tura (T) Soil and Water Conservation Division conducted Field Training programmes before the execution of works in order to mobilize Self Help Groups (SHGs), WAs and WCs for all the projects from 6<sup>th</sup> -15<sup>th</sup> July 2005. Officers from allied Departments of Agriculture, Veterinary, Horticulture and Fisheries were the resource persons to 240 trainees.
11. 32 nos of trainees from four IWDP project areas of West Khasi Hills viz Ummulieh Nongmise, Upper Pynsong and Lower Pynsong IWDP attended short term training courses on Kitchen gardening and Vermicompost at the Rural Resource Training Centre, Umran from the 23<sup>rd</sup>-26<sup>th</sup> August 2005.
12. A Farmers' Training on Capacity Building in Watershed Management and Sustainable Development under IWDP was held at BOSCO Jaintia Hills on the 24<sup>th</sup> August 2005.

13. A one-day Farmers' Training Programme on the theme 'Capacity Building on Watershed Management' was organized by the Soil and Water Conservation Division, Jowai (T) at Lad-Myngor village on the 30<sup>th</sup> August 2005. About 150 farmers from Myngor Village (Lower Pamtia Watershed) and Lad-Myngor Village (Upper Pamtia Watershed) under the scheme IWDP, attended the Training. Officers from Veterinary, Soil and Water Conservation and Forest Departments offered lectures on relevant topics.
14. A one-day Farmers' Training Programme on the theme 'Capacity Building on Watershed Management' was organized by the Soil and Water Conservation Division, Jowai (T) at Mulum village on the 9<sup>th</sup> September, 2005. About 120 farmers from Mulum village of Myntrong Watershed under the scheme IWDP, attended the Training. Officers from Veterinary, Soil and Water Conservation and Forest Departments offered lectures on relevant topics.
15. A training on Self Help Groups (SHGs) concepts, etc. was conducted at Sungpyrdi under Lower Lukha Watershed (IWDP) on the 13<sup>th</sup> September 2005. The Training was organized by the Soil and Water Conservation, Jowai (CC) and the Resource persons were drawn from SIRD, Nongsder.
16. The Soil and Water Conservation, Jowai (T), organized a one-day Training Programme on the role of User Groups and Self Help Groups (SHGs) at Pdeiniadew village on the 20<sup>th</sup> September 2005 for the benefit of farmers of Senaro and Pdeiniadew village of Mynso-Palong Pamblang Watershed under WDPSCA. During the programme, 24 nos of Sewing Machines were distributed to 24 beneficiaries from both villages under the Production System Components of the scheme.
17. On the 21<sup>st</sup> September 2005, the Soil and Water Conservation Division, Jowai (CC) conducted a Training on Self Help Groups (SHGs) concepts, etc at Thadmyntri under Mynksing Watershed (IWDP) and the resource person was Smti J.Nongrum, Block Co-ordinator-cum-Supervisor of Self Help Groups (SHGs), Jaintia Hills.
18. On the 22<sup>nd</sup> September, 2005, an Awareness cum-Training Programme on IWDP was organized at Wah Bhowal Watershed, Dangar, by the Soil and Water Conservation Cash Crop Division, Shillong. The Farming Community residing within the project area participated in the Training.
19. On the 23<sup>rd</sup> September, 2005 and on the 27<sup>th</sup> September, 2005 the Soil and Water Conservation Division Jowai (CC) conducted a Training Programme on Self Help Groups (SHGs) concepts, etc at Umsahlang under Sumbati Watershed (IWDP) and Mynjai under Wahsama Watershed (IWDP) respectively. On both occasions, Smti J.Nongrum, Block Co-ordinator –cum-Supervisor of Self Help Groups (SHGs), Jaintia Hills, was the Resource person.

20. On the 24<sup>th</sup> September, 2005, the Soil and Water Conservation Division, Jowai (T) organized a one-day Training Programme on the ‘Role of Self Groups for Economic Upliftment’ at Nongsning village of Wah Danglun Watershed under WDPSCA, for farmers from Nongsning village and Mynkre villages. During the day, 20 nos of Sewing Machines were distributed to 20 beneficiaries from both the villages under the Production System component of the scheme.
21. A one-day Farmers’ Training Programme was organized by the Soil and Water Conservation Division, Jowai (T) at Tyrshang village for farmers of Tyrshang, Ummulong, Mookyndur, Moodymmai, Sung, Wahjajer and Puriang villages which falls under the Sung River Valley Project (RIDF-IX-NABARD). The Training was conducted on the 27<sup>th</sup> October and about 100 farmers from the villages attended the training.
22. On the 11<sup>th</sup> November, 2005, the Soil and Water Conservation (T) Division & Soil and Water Conservation (CC) Division jointly organized an Awareness cum-Training Programme on Self Help Groups (SHGs) at Wah Bhowal Watershed, IWDP. It was attended by members of Self Help Groups (SHGs) from villages within the watershed areas.
23. The Soil and Water Conservation Division Shillong (T) had sent members of the Iengbantei Self Help Groups (SHGs) formed under Umiew Watershed -2000-2001. Project – I, to participate in the International Trade Fair at Pragati Maidan, New Delhi, from the 13<sup>th</sup> to 27<sup>th</sup> November 2005. The group was sponsored by the Office of the District Rural Development Agency, East Khasi Hills District.
24. On the 25<sup>th</sup> November 2005, a one-day Farmers’ Training Programme was organized by the Soil and Water Conservation Division, Jowai (T) at Kseh village under Kremlabit Wahiaji Watershed (IWDP), Saipung Block. About 80 farmers from the village attended the Training. Lectures on various topics were given by the Officers of the Department.
25. The Tura (T) Soil and Water Conservation Division had also conducted a similar training programme for the ongoing WDPSCA Projects from 6<sup>th</sup> -15<sup>th</sup> December 2005. The Resource persons were Officers from Agri, Veterinary, Fisheries & Horticulture Departments. The training was imparted to 220 trainees from Self Help Groups (SHGs), Watershed Associations & Watershed Committees.
26. A Training on ‘Capacity Building on Record Keeping of Self Help Groups (SHGs) for the Community Organizers was held in Jowai on the 9<sup>th</sup> December 2005.
27. On the 14<sup>th</sup> December 2005, a one-day training programme on ‘Formation of Self Help Groups (SHGs) and UGs under IWDP and WDPSCA project areas was

conducted as part of the Awareness Campaign organized by the Soil and Water Conservation Division, Ri-Bhoi, Nongpoh on the need of Self Help Groups (SHGs) for upliftment of Socio-economic activities of rural communities within the project areas. About 200 participants from 16 watersheds attended the Training and the faculty members from SIRD, Nongsder were the Resource persons.

28. On the 17<sup>th</sup> December, 2005, three Self Help Groups (SHGs) formed under Umiew Watershed of Soil and Water Conservation Division, Shillong (T), viz; Mattilang Self Help Groups (SHGs) of Nongkrem village, Iengbantei Self Help Groups (SHGs) of Smit village and Lawei Baphyrnai of Nongkrem village participated in the 1<sup>st</sup> one-day Self Help Groups (SHGs) meet-cum-Exhibition-cum-sales held at Shillong club premises, which was organized by District Rural Development Agency, East Khasi Hills, Shillong.
29. Off-campus training of 10 days duration from 30<sup>th</sup> January, 2006-9<sup>th</sup> February, 2006 on Livestock Management was organized at Veterinary Vocational Training Centre Kyrdemkulai, Ri-Bhoi District. Total nos. of participants – 21 nos.
30. Off campus Training programme of one week duration from 21<sup>st</sup> January, 2006-9<sup>th</sup> February, 2006 on Mud Block & Cement Block making, for the beneficiaries under NABARD-RIDF-IX, was organized at SCSTE Training Centre at Laitkor, Shillong. No. of participants – 30 nos.
31. On the 10<sup>th</sup> March, 2006, a Training programme on Jatropha curcas cultivation organized by Baghmara Soil & Water Conservation (CC) Division, South Garo Hills was held at Bandapara village where 1 ha nursery had been created & 17 ha under Jatropha curcas plantation had been taken up during 2005-2006. More than 80 farmers of Bandapara village participated in the Training programme.
32. A two-day training on Capacity Building of members of different Self Help Group (SHGs) under 12-shnong WDPSCA was held at SIRD, Nongsder from the 23<sup>rd</sup> - 24<sup>th</sup> March 2006, where 5 members of 3 different Self Help Group (SHGs) attended the training.
33. On the 24<sup>th</sup> March, 2006, a one-day Farmers' Training on cultivation of Jatropha curcas was held at Shillong (T) Auditorium. Organized by the Cash Crop Division, Shillong. Altogether 8 nos. of participants from 12-shnong WDPSCA attended the training.
34. A one-day District Level farmers' Training Programme on Jatropha was organized by the Office of the Divisional of Soil and Water Conservation Officer, Nongstoin at Sonapahar on the 30<sup>th</sup> March, 2006. 42 nos. of farmers participated in the Training Programme. The Officers of the Department were the Resource persons.

**D. Others:**

1. A Training programme on 'Clearance of Scheme' for the Staff of the Heads of Department was held at MATI, Shillong from the 17<sup>th</sup> -19<sup>th</sup> May, 2005 where Smti B.M.Lyngdoh, Upper Division Assistant and Smti G.P.Nongrum, Statistical Assistant attended.
2. The Soil and Water Conservation Department had organized a two-day State Level Workshop on the theme 'Soil and Water Conservation for Enhancing Productivity in Degraded Lands of River Valley Projects And Flood Prone Rivers with Special Reference To Kopili Catchments' on the 7<sup>th</sup> & 8<sup>th</sup> July, 2005, at Shillong Club, Shillong.
3. The Department had organized another State Level Training –cum- Workshop on "The Role of Integrated Wasteland Development Project in Conservation of Natural Resources and Upliftment of Socio-Economic Condition of Rural People" on the 8<sup>th</sup> November, 2005 at KJP Assembly Hall, Shillong.
4. The Department in collaboration with GLOFEPSE had also organized a Workshop on 'Jatropha Cultivation on the 5<sup>th</sup> August 2005 at the Science Hall, Nongpoh. There were 119 participants including representatives from the District Rural Development Agency, Shillong. Implementing Officers of the Soil and Water Conservation Department, District heads, Chairman of Watershed Committees, Farmers from more than 60 villages of Ri-Bhoi district and members of GLOFEPSE also participated in the Workshop.

**ESTABLISHMENT****Retirement** - Retirement from service under different categories of post.

1.	Registrar	- 2 nos
2.	Stenographer Group II	- 1 no
3.	Head Assistants	- 2 nos
4.	Soil Conservation Demonstrator (Sr)	- 1 no
5.	Soil Conservation Demonstrator (Jr II)	- 2 nos
6.	Soil & Water Conservation Field Worker	- 1 no
7.	Power Tiller Operator	- 1 no
8.	Cinema Operator (Helper)	- 1 no
9.	Chowkidar	- 1 no

**Expired while in Service-**

1.	Assistant Soil & Water Conservation Officer	- 1 no
2.	Head Assistant	- 1 no
3.	Soil & Water Conservation Demonstrator (Jr)	- 1 no
4.	Soil & Water Conservation Field Worker	- 1 no
5.	Upper Division Assistant	- 1 no
6.	Tractor Driver	- 1 no
7.	Power Tiller Operator	- 2 nos

**Appointment on Compassionate Ground-**

Appointment on Compassionate ground in different categories of post.

1.	Soil & Water Conservation Demonstrator (Jr)	- 1 no
2.	Khalasi	- 1 no
3.	Rubber Tapper	- 1 no
4.	Store Keeper	- 1 no
5.	Tractor Driver	- 2 nos
6.	Dak Runner	- 1 no
7.	Office Peon	- 1 no
8.	Chokidar	- 1 no

**TRANSFER AND POSTING:-**

1. Shri D.S.Kharsyntiew, Joint Director of Soil and Water Conservation (Research & Training) Conservation Training Institute, Bymihat was transferred and posted as Joint Director of Soil and Water Conservation (Hq) in the Directorate of Soil & Water Conservation, Shillong.
2. Divisional Soil and Water Conservation Officer - 6 nos

3.	Assistant Soil & Water Conservation Officer	- 15 nos
4.	Soil & Water Conservation Ranger	- 6 nos
5.	Soil & Water Conservation Demonstrator (Sr)	- 2 nos
6.	Soil & Water Conservation Demonstrator (Jr)	- 2 nos
7.	Head Assistant	- 1 no
8.	Accountant	- 1 no
9.	Upper Division Assistant	- 1 no
10.	Range Assistant	- 1 no
11.	Driver	- 1 no

### Promotion

1. Shri K.C.Momin, Director of Soil & Water Conservation, Meghalaya was relieved of his function as CEO, Meghalaya Commercial Crop Development Board (MCCDB) w.e.f Jan 06.
2. Shri A.Syiem, Joint Director of Soil and Water Conservation (Hq) was promoted to Additional Director of Soil and Water Conservation. Later he took over as CEO, Meghalaya Commercial Crop Development Board (MCCDB) in addition to his normal duties.
3. Shri R.R.B.R.Thabah, Divisional Soil and Water Conservation Officer (Instructor) Conservation Training Institute, Byrnihat was promoted to Joint Director of Soil and Water Conservation (Research & Training) Conservation Training Institute, Byrnihat.
4. Superintendent promoted to Registrar - 2 nos.
5. Upper Division Assistant promoted to Superintendent - 2 nos.
6. Accountant promoted to Head Assistant - 3 nos.
7. Upper Division Assistant promoted to Accountant - 3 nos.
8. Lower Division Assistant promoted to Upper Division Assistant - 5 nos

# BUDGET FOR THE YEAR 2005-2006

Head of Accounts	PLAN				NON - PLAN				
	General Areas		Sixth Schedule Areas		General Areas		Sixth Schedule Areas		
	Original	Revised	Original	Revised	Original	Revised	Original	Revised	
2402-SOIL & WATER CONSER-VATION									
001 -	92.96	57.02	149.14	141.46	182.79	187.82	931.43	923.94	
101 -	4.05	3.72	-	-	26.67	25.92	-	-	
102 -	-	-	481.66	439.66	-	-	39.67	18.12	
109 -	37.72	35.28	-	-	72.01	64.95	-	-	
800 -	20.00	20.00	661.75	860.62	18.58	14.13	228.85	155.14	
<b>Total - 2402</b>	<b>154.73</b>	<b>116.02</b>	<b>1292.55</b>	<b>1441.74</b>	<b>300.05</b>	<b>292.82</b>	<b>119.95</b>	<b>1097.20</b>	
2415-									
004-	0.72	0.72	-	-	1573	1475	0.27	-	
2216	-	-	2.00	2.00	3.25	2.25	24.75	7.56	
<b>GRAND TOTAL</b>	<b>155.45</b>	<b>116.74</b>	<b>1294.55</b>	<b>1443.74</b>	<b>319.03</b>	<b>309.82</b>	<b>1224.97</b>	<b>1104.76</b>	

**ABSTRACT (Revised Budget)**

a) GENERAL AREAS (PLAN)	Rs. 116.74
b) SIXTH SCHEDULE PART.II AREAS (PLAN)	Rs. 1443.74
<b>TOTAL PLAN</b>	<b>Rs. 1560.48</b>
c) GENERAL AREAS (NON-PLAN)	Rs. 309.81
d) SIXTH SCHEDULE PART.II AREAS (NONPLAN)	Rs. 1106.61
<b>TOTAL NON PLAN</b>	<b>Rs. 1416.42</b>

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( ) 2005-2006.

	/		( . )	
1	2	5	6	7
	2402 & 001 &			
	(01)	&	8.00	
	(02)	&	70.46	
	(03)	&	39.59	
	(04)	&		
	(05)	&	4.03	
	(06)	&	23.76	
	(07)	&	7.72	
	(08)	&	31.40	
	(10)	&	13.42	
	(11)			
	12			
	- 001		198.38	
	101			
	(01)	&		
	(02)	&	3.72	
	101		3.72	

	102			
	(01)			
	(02)			
	(03)			
	(04)	1379		330.00
	(05) &			
	(06)	<u>26.82</u> 331.0	46.91	4.99
	(08) &	143		42.00
	(09) /			27.91
		10 18 142	2.887	
		102.25 30.12		
		160109 577416		
	(10)			
	(11)	126		34.72
	- 102 -			439.62
	109 &			
	(01)	&		8.41
	(02)	&		26.12
	(03) &	&		0.75
	109			35.28

	<b>800</b>			
	(01)			
	(02) &	2 2	2.00	
	800(03)			
	02 /	. . 23.0 51.5 16.56 . 29.38 - 8.77 41.64 28789 294678	16.80	
	08.	. . 40.52	0.49	
	- 800 (03)		17.29	
	800 (04).			
	01.		6.56	
	03.	. 139.17 . 52.07	7.09	
	04. /		} 4.00	
	&			
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	( )	8620		
	05. &		3.44	
	09. /	. . 15 44.01 . 17.68 11.47 30.55 6 42189 65688	10.12	

11.		122.56	11.00	
12.	/	668.52	60.00	
	- 800 (04)		102.21	
800 (06)	&		20.00	
	- 800 (06)		20.00	
800 (07)				
01.				
07.				
( )		1622		
( )		372800	/1914	
( )		1388	1181	
5.		596		
2 ( )				
1.		817	1539	
2.				
3.		3560	515.0	
4.		559	407.0	
2				
1.	/ /			
2.		298 /		
		607 /		
3.				
4.		192	/1750	
5.		87	/496	
	- 800 (07)		500.00	
800 08				
01.	/ /	68	/ 2090	} 214.75
02.	/	65		
03.	/ /	156		
04.		473.63		
05.		98.61		
06.		44	/13.99	
07.				
08.	&			
	- 800 (08)		214.75	

	<b>09.</b>		<b>23.87</b>	
	- 800 -		<b>880.12</b>	
	- 2402 -		<b>1557.12</b>	
	2415 & 02 & 004			
	01	&		
	02. &		<b>0.72</b>	
	- 2415		<b>0.72</b>	
	2216 01 700			
	58.		<b>2.00</b>	
	2216 :		<b>2.00</b>	
	:		<b>1559.84</b>	
	800 (01) ( )		<b>218.65</b>	
	800 (01)		<b>218.65</b>	
			<b>1778.49</b>	

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**FINANCIAL ACHIEVEMENTS (NON-PLAN) 2005 -2006.**

Sl. No.	Name of sector/ sub- sector scheme	Expenditures (Rs. in lakhs)	Remarks
1	2	3	4
	<b>2402-SOIL &amp; WATER CONSERVATION 001- DIRECTION &amp; ADMINISTRATION</b>		
	(01) Directorate of Soil and Water Conservation	82.29	
	(02) Divisional Soil and Water Conservation Offices	242.48	
	(03) Soil and Water Conservation Range Offices	394.20	
	(04) Engagement of Apprentices	-	
	(05) Project Formulation Cell	56.52	
	(06) Soil and Water Conservation Engineering Division	1.43	
	(07) Monitoring and Evaluation Unit	-	
	(08) Cash Crop Division	181.03	
	(09) Watershed Management Division	119.21	
	(10) Soil and Water Conservation Survey Division	41.92	
	<b>TOTAL – 001</b>	<b>1119.08</b>	
	<b>101- SOIL SURVEY AND TESTING</b>		
	(01) Soil and Water Conservation Survey Scheme	25.01	
	(02) Soil Testing Works	0.91	
	<b>TOTAL - 101</b>	<b>25.92</b>	
	<b>102- SOIL AND WATER CONSERVATION SCHEME</b>		
	(02) Reclamation of Valley Bottom Lands		
	(03) Follow up Programme		
	(04) Erosion Control Works	0.22	
	(05) Camps & Camp Equipments	-	
	(06) Afforestation	5.75	
	(08) Water Conservation & Distribution Works/irrigation		

(09) Cash/Horticultural Crops Development Works		
(10) Conservation Works in Urban Areas.	0.04	
(11) Water Harvesting Works/Famponds, etc.		
<b>TOTAL – 102 -</b>	<b>6.01</b>	
<b>109- EXTENSION &amp; TRAINING</b>		
(01) Conservation Training Institute	36.49	
(02) Training at Soil and Water Conservation Centre	26.32	
(03) Extension Programme & Information Services	1.28	
<b>TOTAL - 109 -</b>	<b>64.09</b>	
<b>800- OTHER EXPENDITURE</b>		
(01) Construction of approach roads to work areas	3.28	
<b>TOTAL : 800 : (01) :</b>	<b>3.28</b>	
(02) Construction & Maintenance of Departmental Non-Residential Buildings	14.39	
<b>TOTAL : 800 : (02) :</b>	<b>14.39</b>	
(03) Jhum Control Scheme	-	
01. Terracing Works	3.95	
02. Cash/Horticultural Crops Development Works	99.20	
07. Cultivation & Inter Cultural Works	34.02	
08. Afforestation	-	
09. Irrigation/Water Conservation & Distribution Works		
10. Camp & Camp Equipments		
12. Link Roads		
13. Drinking Water		
<b>TOTAL – 800 (03)</b>	<b>137.17</b>	
<b>800-(04). WATERSHED MANAGEMENT</b>		
02. Terracing Works		
03. Afforestation	2.45	
04. Irrigation/Water Conservation & Distribution Works	0.26	

05. Camps & Camp Equipments	-	
09. Cash/Horticultural Crop Development Works	1.98	
11. Erosion Control Works	0.10	
12. Water Harvesting/Farm Ponds.		
<b>TOTAL – 800 (04) -</b>	<b>4.79</b>	
<b>TOTAL – 800 -</b>	<b>159.63</b>	
<b>TOTAL – 2402 –</b>	<b>1374.73</b>	
2415- AGRICULTURAL RESEARCH & EDUCATION 02- SOIL & WATER CONSERVATION 004- RESEARCH		
01- Soil and Water Conservation Research Centre	14.75	
02. Field Trial & Experiment		
<b>TOTAL – 2415 -</b>	<b>14.75</b>	
2216-HOUSING 01- GOVT. RESIDENTIAL BUIDLING 700- OTHER HOUSING		
02. Maintenance & Repairs	9.63	
<b>TOTAL - 2216 :</b>	<b>9.63</b>	
<b>GRAND TOTAL :</b>	<b>1399.11</b>	

**Achievements under Schemes in general areas 2005 - 2006**  
**(Schemes taken up in individual land/community land/ village land but**  
**outside specific project areas / selected watersheds)**

1	Name of Division/Range	(04) Stream Bank Erosion Control Works		(08) Water Conservation & Distribution Works		(11) Water Harvesting Works / Farm ponds	
		No. of Structures	Amount	No. of Structures	Amount	No. of Structures	Amount
		2	3	4	5	6	7
	<b>A. Shillong (T) Division</b>						
	1. Shillong S & WC Range	2 nos	0.56	6 nos	1.80	7 nos	1.75
	2. Mawphlang S & WC Range	4 nos	0.57	7 nos	1.80	5 nos	1.25
	3. Laitlyngkot S & WC Range	2 nos	0.56	2 nos	1.80	2 nos	1.00
	4. S & WC Beat Weilo	4 nos	0.56	4 nos	1.10	5 nos	1.00
	<b>Total - A</b>	<b>12 nos</b>	<b>2.25</b>	<b>19 nos</b>	<b>6.50</b>	<b>19 nos</b>	<b>5.00</b>
	<b>B. Nongstoin Division</b>						
	1. Ranikor S & WC Range	4 nos	0.45	4 nos	1.30	4 nos	1.00
	2. Mawkyrwat S & WC Range	4 nos	0.41	4 nos	1.30	4 nos	1.00
	3. Nongstoin S & WC Range			8 nos	1.30	4 nos	1.00
	4. Sonapahar S & WC Range	9 nos	0.94	5 nos	1.30	4 nos	1.00
	5. Mairang S & WC Range	5 nos	0.45	7 nos	1.30	5 nos	1.00
	<b>Total - B</b>			<b>28 nos</b>	<b>6.50</b>	<b>21 nos</b>	<b>5.00</b>
	<b>C. Ri-Bhoi S &amp; WC Division</b>						
	1. Nongpoh S & WC Range	4 nos	0.70	7 nos	1.80	7 nos	1.50
	2. Patharkmah S & WC Range	4 nos	0.40	10 nos	1.10	7 nos	1.00
	3. Umroi Beat Office	2 nos	0.40	3 nos	1.10	4 nos	1.00
	<b>Total - C</b>	<b>10 nos</b>	<b>1.50</b>	<b>20 nos</b>	<b>4.00</b>	<b>18 nos</b>	<b>3.50</b>
	<b>D. Tura (T) Division</b>						
	1. Machangpani S & WC Range	2 nos	0.90	2 nos	1.30	1 no	0.50
	2. Damjonggre S & WC Range	1 no	0.45	2 nos	1.30	1 no	1.00
	3. Jongchipara S & WC Range			2 nos	1.30	1 no	0.50

4. Thebronggre S & WC Range	2 nos	0.90	2 nos	1.30	2 nos	1.50
5. Anogre S & WC Range			2 nos	1.30	3 nos	1.50
<b>Total - D</b>	<b>5 nos</b>	<b>2.25</b>	<b>10 nos</b>	<b>6.50</b>	<b>8 nos</b>	<b>5.00</b>
<b>E. Simsanggre Division</b>						
1. Bonegre S & WC Range	1 no	0.56	3 nos	1.63	2 nos	1.22
2. Mendipathar S & WC Range	1 no	0.56	3 nos	1.62	2 nos	1.25
3. Adokgre Beat	1 no	0.57	2 nos	1.63	3 nos	1.25
4. Wageasi S & WC Range	1 no	0.56	3 nos	1.62	2 nos	1.28
<b>Total - E</b>	<b>4 nos</b>	<b>2.25</b>	<b>11 nos</b>	<b>6.50</b>	<b>9 nos</b>	<b>5.00</b>
<b>F. Baghmara (CC) Division</b>						
1. Baghmara S & WC Range	1 no	0.75	3 nos	2.00	2 nos	1.75
2. Chockpot S & WC Range	1 no	0.75	3 nos	2.00	2 nos	1.75
<b>Total - F</b>	<b>2 nos</b>	<b>1.50</b>	<b>6 nos</b>	<b>4.00</b>	<b>4 nos</b>	<b>3.50</b>
<b>G. Jowai (T) Division</b>						
1. Thadlaskein S & WC Range	6 nos	1.00	17 nos	2.89	20 nos	3.00
2. Amlarem S & WC Range	4 nos	0.65	7 nos	1.50	9 nos	1.50
3. Khliehriat S & WC Range	3 nos	0.70	17 nos	2.00	9 nos	1.72
4. Lumshnong S & WC Range	3 nos	0.65	8 nos	1.61	9 nos	1.50
<b>Total - G</b>	<b>16 nos</b>	<b>3.00</b>	<b>49 nos</b>	<b>8.00</b>	<b>47 nos</b>	<b>7.72</b>
<b>GRAND TOTAL</b>	<b>71 nos</b>	<b>15.00</b>	<b>143 nos</b>	<b>42.00</b>	<b>126 nos</b>	<b>34.72</b>

**Achievements under Different Cash / Horticultural crop Development Works taken up during 2005 - 06.**

Physical achievement in hectares(ha)  
Pre-Preliminary work M-Maintenance

Name of Division	Horticulture		Cashewnut		Rubber		Coffee		Nurseries	
	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	2	3	4	5	6	7	8	9	12	13
<b>East Khasi Hills</b> Shillong (CC) Pre M	15 ha 22.38 ha	1.04 0.65	- 22.81 ha	- 0.56	10.0 ha -	0.78 -	- -	- -	312647 nos	4.53
<b>West Khasi Hills</b> Nongstoin Pre M	- 34.72 ha	- 1.51	- -	- -	10.0 ha 16.0 ha	0.78 0.88	- -	- -	134037 nos	3.04
<b>Ri Bhoi District</b> Ri - Bhoi Pre M	- 33.46 ha	- 1.49	- -	- -	23.50 ha 20.0 ha	1.82 1.10	- 4.0 ha	- 0.33	151931 nos	3.23
<b>West Garo Hills</b> Tura (CC) Pre M	11.47 ha 10.70 ha	0.72 0.46	26.77 ha 10.28 ha	1.68 0.29	20.50 ha 24.12 ha	1.59 1.33	- -	- -	51476 nos	1.81
<b>East Garo Hills</b> Simsangiri Pre M	- -	- -	- 10.69 ha	- 0.46	32.25 ha 15.50 ha	2.50 0.85	- -	- -	23982 nos	1.15
<b>South Garo Hills</b> Baghmara Pre M	- -	- -	- 22.02 ha	0.71	10.0 ha 6.0 ha	0.78 0.33	- -	- -	119144 nos	2.40
<b>Jaintia Hills</b> Jowai (CC) Pre M	10 ha 16.77 ha	0.69 0.93	- -	- -	25.0 ha 10.0 ha	1.94 0.55	- -	- -	267775 nos	5.94
<b>Total :-</b>		<b>7.49</b>		<b>3.70</b>		<b>15.03</b>		<b>0.33</b>		<b>22.10</b>

(Pre - Preliminary works; M- Maintenance

## **I . WATERSHED DEVELOPMENT PROJECT FOR SHIFTING CULTIVATION AREAS .**

Shifting cultivation known as Jhum Cultivation in the North Eastern States is a traditional form of Crop production practiced on hill slopes. It involves clearance of forest on sloppy land (Usually before December), drying and burning the debris (Mid-February to Mid March, before the onset of the monsoons) and cropping. After the harvest, the land is left fallow and vegetative regeneration takes place till the plot is reused for the same purpose in a cycle. Population pressure compels the Shifting Cultivation to reduce the earlier fallow period of 20-25 years to 2-5 years, in the present day, hence reducing the cycle. This form of cultivation is therefore, highly resource depleting and environmentally degrading.

Considering the dynamics of the problem, the Ministry of Agriculture and Cooperation, Government of India had launched a programme known as Watershed Development Project in Shifting Cultivation Areas (WDPSCA) which is a Special Central Assistance to State Plan Programme for the benefit of jhumia families. The programme was launched in 1994-95 in the Seven North Eastern States during the Eighth Five Year Plan and continues to be implemented during the IX Plan. During the IX Plan Period, it is proposed to treat an area of 1, 20,000 ha. of jhum land with suitable land and water management resources at an estimated cost of Rs.75.00 crores. The broad objectives of the programme are as follows:-

- To protect and develop the hill slopes of jhum areas through different soil & water conservation resources on watershed basis and to reduce further land degradation process.
- To encourage and assist the jhumia families to develop jhum land for productive use with improved cultivation and suitable package of practices leading to settled cultivation practices.
- To improve the socio-economic status of jhumia families through household/land based activities.
- To mitigate the ill-effects of shifting cultivation by introducing appropriate land use and water management as per capability and improved technologies.

The Soil & Water Conservation Department of the State of Meghalaya had been implementing projects under the Watershed Development Project in Shifting Cultivation Areas (WDPSCA) Scheme for the benefit of jhumia families, on watershed basis with a cost norm of Rs.10, 000/- per hectare on net treatable area, in all the seven districts of the State, covering components of the project wherever suitable.

The financing of the scheme includes treatment of arable and non-arable land, drainage line, creation of water bodies, development of Agriculture/Horticulture/ Plantation crops/

Forestry and Land based/Household Production System as package of rehabilitation component. There is vigorous pursuance of the project in selected watershed areas in which necessary project exercises of pre-project activities, orientation and training, Community Organization and PRA, Planning followed by implementation.

The implementation of the scheme is carried out in the organizational and committee set up of :-

- National Watershed Committee chaired by Secretary, Department of Agriculture & Cooperation.
- National Coordination by Natural Resource Management Division, Department of Agriculture & Cooperation.
- State Level Watershed Steering Committee (SLSC), Department of Agriculture & Cooperation chaired by Secretary.
- State Nodal Department appointed by State Level Watershed Steering Committee (SLSC).
- District Watershed Development Committee (DWDC), notified by State Level Watershed Steering Committee (SLSC).
- Project Implementing Agency (PIA) and WDT appointed by DWDC.
- Watershed Association (WA), Watershed Committee (WC) accepted by DWDC.
- Self Help Groups (SHGs), User Groups (UGs) and Beneficiaries of the WA guided by PIA-WDT of the Mini-micro watershed.

**LIST OF ONGOING WATERSHED DEVELOPMENT PROJECTS  
IN SHIFTING CULTIVATION AREAS (WDPSCA) WITH SPECIAL  
CENTRAL ASSISTANCE FOR THE YEAR 2005-2006.**

*Name of Watersheds/Projects*

**EAST KHASI HILLS**

- 1 Umlew Watershed
  - 2 Umpling-Umrynjah Watershed
  - 3 Wah Tamdong Watershed
  - 4 12-Shnong Watershed
- Total East Khasi Hills – 4 nos.**

**WEST KHASI HILLS**

1. Umkhynraw Watershed
  2. Um-mari Watershed
  3. Umsaw-Pungsier Watershed
- Total West Khasi Hills – 3 nos.**

**RI-BHOI**

- 1 Upper Umtung Watershed
  - 2 Middle Umtung Watershed
  - 3 Upper Umrit Watershed
  - 4 Upper Umling Watershed
  - 5 Upper Umbyrngaid Watershed
  - 6 Umtyngkong Watershed
  - 7 Umshyrkew Watershed
  - 8 Lambra Watershed
- Total Ri-Bhoi – 8 nos.**

**JAIINTIA HILLS**

- 1 Umsning Watershed
  - 2 Wah Danglun Watershed
  - 3 Mynso-Palang-Pamblang Watershed
  - 4 Umladoh Watershed
- Total Jaintia Hills – 4 nos.**

**EAST GARO HILLS**

- 1 Upper Chibok Watershed
- 2 Upper Chil Watershed

- 3 Thapa Watershed
- 4 Nengsit Watershed
- 5 Romphi Watershed
- 6 Giting Watershed
- 7 Rongre Watershed
- 8 Ganing Watershed

**Total East Garo Hills – 8 nos.**

**WEST GARO HILLS**

- 1 Sora Watershed
- 2 Rome Watershed
- 3 Drong Watershed
- 4 Achi Watershed
- 5 Ditti Watershed
- 6 Rongridap Watershed
- 7 Rongtap Watershed

**Total West Garo Hills – 7 nos.**

**SOUTH GARO HILLS**

- 1 Adap-Chiring Watershed
- 2 Rongme Watershed
- 3 Rompa-Bisik Watershed
- 4 Rongmai Watershed

**Total South Garo Hills – 4 nos.**

**GRAND TOTAL : 38 nos.**

## Detail Achievements I.e. W...







## **II. INTEGRATED WASTELANDS DEVELOPMENT PROGRAMME ( IWDP )**

Due to the undulating terrain conditions, high rainfall and faulty cultivation, Meghalaya is gradually losing the vital natural Land Resources, i.e., Soil and Water which leads to Land and Water degradation problems. It has been reported that the total Wastelands is about 44.16 percent (9904 Sq.Kms) of the total geographical area of the State (22249 Sq.Kms).

During the year 1999-2000, the Ministry of Rural Development, Department of Land Resources, Government of India sanctioned the Integrated Wastelands Development Programme (IWDP) with the following objectives:-

1. Developing Wasteland/degraded lands on a watershed basis, keeping in view the capability of the Land, site conditions and local needs.
2. Promoting the over all economic development and improving the Socio-Economic conditions of the rural people.
3. Restoring the ecological balance by harnessing, conserving and developing the natural resources, that is, land, water and vegetation cover.

From 1999-2000 to 2006-07, 105 nos of projects in all the seven Districts covering 359 Nos of micro watersheds have been taken up under the IWDP programme. The total project cost for treating 182225 ha has been estimated at Rs. 10713.28 lakhs. The expenditure incurred upto 2005-06 is Rs. 1081.78 lakhs. The total area treated upto 2005-2006 is 19067.42 ha.

Prior to 2004-2005 the IWDP scheme was implemented through Community & Rural Development Department. Since 2004-2005, the Soil & Water Conservation Department has been designated as Nodal Department for implementation of IWDP Projects.







## **DEVELOPMENT OF JATROPHA CURCAS IN MEGHALAYA**

With a view to restore wastelands/degraded lands and to generate income opportunity to the tribal farmers, the Government of Meghalaya, has assigned the Soil & Water Conservation Department to be the Nodal Department for development of Jatropha curcas in the State of Meghalaya. This project which had been implemented in the year 2005-2006 would immensely benefit the rural community and sustain the resources endowments of the environment.

The project is taken up in all the 7 districts of the State of Meghalaya from the year 2005-2006, with the following aims & objectives-

- ❖ To provide green coverage to the denuded wastelands and other lands;
- ❖ To conserve eco-friendly system for small and marginal farmers particularly those living below poverty line round the year,
- ❖ To raise economic status of small/ marginal tribal farmers by providing remunerative prices for their production.

The Soil & Water Conservation Department has taken up the project for 200 ha of land in the first year 2005-2006 with a total financial outlay of Rs. 49.20 lakhs sanctioned by the National Oilseeds & Vegetable Oil Development (NOVOD) Board. The Project Components include plantation, establishment of Nursery of TBO (Tree Borne Oilseeds) gardens and training programmes.

### **ONE –TIME ADDITIONAL CENTRAL ASSISTANCE SCHEMES.**

1. With a view to restore the Natural Resources of Soil, Water & Vegetation in the areas surrounding Cherrapunjee, the Soil & Water Conservation Department has taken up a One -Time Additional Central Assistance for Special Project for regeneration /improvement of the environment of Cherrapunjee and the surrounding areas in East Khasi Hills. The Project Components include Arable and Non Arable Land treatment, Drainage Line Treatment (which include Check Dams, Contour Bunding, Contour Trenching, Bench Terracing, Vegetation, Soil & Water Conservation Measures. Under this scheme, Rs. 90.00 (Rupees Ninety Lakhs) only has been spent during 2005-2006.
2. The Soil & Water Conservation Department has also taken up another One-Time Additional Central Assistance under Soil Erosion Control Measures in River Valley Cultivation Areas affected by Flash Floods. The Project Components are – Construction of Protection Walls, Earthen Embankments, Dams, Water Harvesting Ponds, Gully Control Structure, Contour Bunds, Drop Spillways, Desilting of silted-up Agriculture fields, etc., Rs. 315.00 Lakhs has been incurred under the Programme during 2005-2006.

**CONDEMNATION OF DEPARTMENTAL VEHICLES DURING 2005-2006**

During 2005-2006, the Soil and Water Conservation Department had condemned one vehicle (Jeep) and another Jeep was proposed to be condemned during the year.

**OTHER ACTIVITIES****1. Celebration of World Environment Day-**

The following programmes were organized by the different Divisions of the Department to celebrate the World Environment Day 2005.

***WEST KHASI HILLS***

Organised by the Office of the Divisional of Soil and Water Conservation Officer, Nongstoin in collaboration with the Department of Forest (Social Forestry Division), Nongstoin and Haiku Economic Resource Development Society (HERDS).

*Date:* 6<sup>th</sup> June 2005.

*Programme:* Public meeting, Tree planting, Release of Fingerlings, Slogan Competition and Extempore Speech.

*Place:* J.N.V. Campus, Nongpyndeng.

*Chief Guest:* Shri R.D. West, Member Secretary, Meghalaya State Council of Science, Technology and Environment.

*Guest of Honour:* Shri E. Kharmalki, Additional Deputy Commissioner, West Khasi Hills.

*Participants:* School pupils and teachers of Swin School.

***JAINTIA HILLS***

Organised by Jaintia Hills Soil & Water Conservation Division, Jowai.

*Date :* 6<sup>th</sup> June 2005.

*Programme:* Public meeting and Tree planting.

*Place:* Church of God Secondary School, Ummulong.

*Chief Guest:* Shri J.M.Kyndiah, MDC,

*Participants:* 3 schools, villagers, officers and staffs of the Department.

***CONSERVATION TRAINING INSTITUTE, BYRNIHAT.***

*Date:* 7<sup>th</sup> June 2005

*Programme:* Tree planting.

*Place:* Conservation Training Institute campus, Byrnihat.

*Participants:* Officers, staff, Trainees, and school pupils of Conservation Training Institute School.

**WEST GARO HILLS**

*Programme:* Distribution of seedlings.

*Place:* Chakkonggre village under Pilgi Watershed Project,

*Participants:* Farmers of the Project Area.

**2. Passing Out Ceremony-**

1. The Passing Out Ceremony of the Five-day Orientation Training Course for ‘Enhancing productivity of degraded lands in the catchments of River Valley Projects and Flood Prone Rivers’ which commenced from the 18<sup>th</sup> April 2005 was held on 22<sup>nd</sup> April 2005 for 18 officers from different Departments, which include Agriculture, Forest, Soil & Water Conservation Department of Nagaland, Mizoram and Meghalaya.
2. The Passing Out Ceremony of the Three-day Training programme on ‘Office Management’ for the Soil & Water Conservation Rangers i.e., from 26<sup>th</sup> -28<sup>th</sup> May, 2005, was chaired by the Joint Director of Soil and Water Conservation (Research & Training) Conservation Training Institute, Byrnihat. Shri K.C.Momin, Director of Soil & Water Conservation Department and Shri A.Syiem, Joint Director of Soil and Water Conservation (Hq) distributed certificates to the trainees.
3. On the 16<sup>th</sup> Sept, 2005, the Passing Out Ceremony of the 32<sup>nd</sup> Batch cadets of the Field Assistant Training Course 2004-2005, was held at Conservation Training Institute Auditorium. The function was chaired by Shri K.C.Momin, Director of Soil & Water Conservation Department and the Chief Guest on the occasion was Shri P.W.Ingty, Commissioner & Secretary to the Govt. of Meghalaya.
4. On the 30<sup>th</sup> Sept, 2005, the Conservation Training Institute organized a function on account of the passing out of the 4 months Advance Training Course of the Forester-I belonging to the Meghalaya State Forest Department. The Chief Guest on the occasion was Shri A.Syiem, Additional Director of Soil and Water Conservation Department.

**3. Seedlings Distribution Programme.**

- |                              |   |  |
|------------------------------|---|--|
| 1. Organizer                 | - | Shillong (CC) Soil & Water Conservation Division.                                      |
| (a) Date                     | - | 7 <sup>th</sup> June -8 <sup>th</sup> July , 2005.                                     |
| No. of Seedlings distributed | - | 127306 nos of subtropical horticulture saplings, namely, Citrus, Arecanut, Guava, etc. |
| No. of beneficiaries         | - | 510nos of farmers.   |

- (b) Date - 6<sup>th</sup> August, 2005  
 Place - Umsaw Mawjynrong.  
 No. of Seedlings distributed - 10000 nos of temperate fruit saplings, namely, Lagoon, Naspati, Santa Rose, etc  
 No. of beneficiaries - 63 nos of farmers.
2. Organiser - The Tura (CC) Soil & Water Conservation Division.
- (a) Date - 12<sup>th</sup> May, 2005.  
 Place - Chidekgre Centre  
 No. of Seedlings distributed - 7740 nos of Arecanut seedlings.  
 No. of beneficiaries - 258 nos of families.
- (b) Date - 16<sup>th</sup> May, 2005.  
 Place - Damjonggre Soil & Water Conservation Range Headquarters.  
 No. of Seedlings distributed - 28804 nos of Arecanut seedlings.  
 No. of beneficiaries - 375 nos of families.
3. Organizer - Tura (T) Soil & Water Conservation Division.  
 Date - July 2005  
 No. of Seedlings distributed - 240000 nos of Arecanut seedlings.  
 No. of beneficiaries - Beneficiaries of all the watershed projects under IWDP and WDPSCA.

#### **MEGHALAYA DAY EXCELLENCE AWARD, 2005**

Shri Emberson Shullai, office Peon under Jaintia Hills Soil & Water Conservation (T) Division, Jowai had been given an Excellence Award during Meghalaya Day, 2006 at a function held in the State Central Library Auditorium, Shillong on the 23<sup>rd</sup> Jan, 2006.

### **REPUBLIC DAY CELEBRATION**

(1) The Jaintia Hills Soil & Water Conservation (T) Division, Jowai, celebrated the Republic day on the 26<sup>th</sup> Jan, 2006 by presenting a Tableau depicting Rain Water Harvesting on Mini Watershed during the Ceremonial parade held at Jrisalein playground at Jowai.

(2) The Soil & Water Conservation Division, Nongstoin participated in the Tableau parade during the Republic Day Celebration on the 26<sup>th</sup> Jan, 2006 at Nongstoin and bagged the 1<sup>st</sup> Prize. The Tableau depicted the ill effects of Jhum and Bun Cultivation and the different remedial Soil & Water Conservation measures that could be adopted by the farmers.

### **INAUGURATION**

On the 16<sup>th</sup> March, 2006, the Shillong (T) Soil & Water Conservation Division held an Inauguration Function at Khrang village under 12-Shnong Watershed to inaugurate the new Park constructed under Watershed Development Project in Shifting Cultivation Areas (WDPSCA).

The Park was constructed by the Soil & Water Conservation Department through the Shillong (T) Soil & Water Conservation Division during 2005-2006 and was inaugurated by the Director of Soil & Water Conservation Department, Shri K.C.Momin.

The function was held at the entrance to the Khrang Park. The Park was dedicated to the people of 12-Shnong areas and Khrang village in particular for recreational purposes only.