②. 一般コース研修の最新カリキュラム

5th General Training
(January 8~Feb. 2, 1995)

Jan. 8 Sunday	10:30~11:50	Registration, Orientation
	12:00~13:20	Opening Ceremony
	14:20~15:40	Activities of DPTC By Mr. S. P. Rimal
Jan. 9 Monday	10:30~11:50	Concept of Disaster Management in the World By Mr. H. Oi
	12:30~13:20	Disaster Management in Nepal existing and future plan. By Mr. M. P. Pradhan
	14:20~15:40	Construction Management (Supervisory role) By Mr. T. B. Basnet
Jan. 10 Tuesday	10:30~11:50	Water Resources Development Programme in the country By Mr. G. Katuwal
	12:30~13:20	Landslide in Nepal By Mr. T. B. Basnet
	14:20~15:40	Basic Concept of Soil Conservation and Nature Monitoring By Mr. K. M. Sthapit
Jan. 11 Wednesday	Holiday (Prithivi Jayanti)	
Jan. 12 Thursday	10:30~11:50	Hydrometeorlogical Conditions of Nepal By Mr. K. Shankar
	12:30~13:20	Measurement of Precipitation By Mr. M. R. Chitrakar
	14:20~15:40	Water Level, Discharge Stream Gauging and Sediment Measurement By Mr. K. N. Shrestha
Jan. 13 Friday	10:30~11:50	General Concept of Atmosphere, Basic concept of Synoptic Meteorology and Weather Forecasting By Dr. M. L. Shrestha
	12:30~13:20	Investigation of Landslide By Mr. B. Tiwari
Jan. 14 Saturday	Holiday	
Jan. 15 Sunday	10:30~11:50	Introduction of River Training Works in Japan By Mr. T. Inoue
	12:30~13:20	Need of River Training Works in Nepal By Mr. I. S. Thapa
	14:20~15:40	Hydrological Design Procedure for River Training By Mr. N. P. Paudyal

Jan. 16 Monday	10:30~11:50	Background and History of Sabo in Japan By Mr. S. Miyajima
	12:30~13:20	Engineering Structure for Erosion Control By Mr. H. R. Shrestha
	14:20~15:40	Design Procedure for River Training Works By Mr. N. P. Paudyal
Jan. 17 Tuesday	Hydraulic Lab Experiment at Godavari By Mr. A. M. Rimal Mr. K. B. Shrestha Mr. C. S. Gautam	
Jan. 18 Wednesday Jan. 19 Thursday Jan. 20 Friday	Field Trip to Palung, Kulekheni project site Bagmati Barrage, East Rapti Flood Damage Area.	
Jan. 21 Saturday	Holiday	
Jan. 22 Sunday	10:30~11:50	Geology of Nepal By Dr. B. N. Upreti
	12:30~13:20	Fundamentals of Extension Education By Mr. S. Sing
	14:20~15:40	Run-off Calculation (Lecture and Exercise) By Mr. J. K. Bhusal
Jan. 23 Monday	10:30~11:50	Countermeasures Against Landslide By Mr. K. Amao
	12:30~13:20	Stability Analysis of Landslide By Mr. B. Tiwari
	14:20~15:40	Prevention Works of Landslide By Mr. K. Amao
Jan. 24 Tuesday	10:30~11:50	Classification of Sediment Source and Sediment Production and Debris Flow By Mr. B. P. Gyawali
	12:30~13:20	Existing and Future Plan for GLOF By Mr. Maskey
	14:20~15:40	Design and Cost Estimation of Check Dam By Mr. N. P. Paudyal
Jan. 25 Wednesday	10:30~11:50	Soil Conservation and Watershed Management and Bio-engineering for Soil Erosion Control By Mr. B. P. Gyawali
	12:30~13:20	Specific Design Procedure and Design Example for River Training By Mr. N. P. Paudyal
	14:20~15:40	Bio-engineering in River Training Work/Standard Design for Gabion Revetment in Japan By Mr. N. P. Paudyal Mr. T. Inoue

Jan. 26 Thursday	10:30~11:50	Construction Material in the Site (Pulchok New Building and Bagmati Bridge) By Mr. T. Inoue
Jan. 27 Friday	Group wise field inspection for paper presentation (upto Pipaltar and on the way to Pipaltar)	
Jan. 28 Saturday	Holiday	
Jan. 29 Sunday	Report writing by each group members	
Jan. 30 Monday	Holiday (Martyr's Day)	
Jan. 31 Tuesday	Report presentation by each group members	
Feb. 1 Wednesday	10:30~11:50	Learning Test
	12:30~13:20	Learning Test
	14:20~15:40	Questionnaire
Feb. 1 Wednesday	10:30~11:50	Model Question Answer
	12:30~13:20	Training Evaluation By. Mr. S. P. rimal and Mr. H. Oi
	14:20~15:40	Closing Ceremony

③ 上級コース、集中コース研修最新カリキュラム

③－1

3rd Advance Course Training
(Curriculum)
10 April to 15 June, 1995

Date/Day	Time	Lecture Topics	Name
4/10 Mon		Registration and Orientation	
4/11 Tue			
	10:30-10:45	Opening Ceremony,	Mr. OI (DPTC)
	10:45-12:00	Disaster Prevention in the world	
	13:00-14:30	Activities of DPTC	Mr. S.P. Rimal (DPTC)
	15:00-16:30	Question/Video Show	By Training Division
4/12 Wed			
	10:30-12:0	Disaster Management in Nepal	Mr. A.R. Mishra (MOH)
	13:00-14:30	Construction Management I	Mr. T.B. Basnet
	15:00-16:30	Statistics for Hydrology	Mr. K. Shankar (DHM)
4/13 Thu			
	10:30-12.00	Case study of EIA, Arun III	IUCN
	13:00-14:30	Statistics for Hydrology	Mr. K. Shankar (DHM)
	15:00-16:30	Disaster Prevention Activities of ICIMOD	ICIMOD
4/14 Fri	Holiday	New Year	
4/15 Sat	Holiday		
4/16 Sun			
	10:30-12:00	Construction Management II (Critical path method & bar chart)	Mr. T.B. Basnet
	13.00-14.30	Statistics for Hydrology	Mr. K. Shankar (DHM)
	15:00-16:30	Monitoring and evaluation of development Project	(NPC)
4/17 Mon		INAUGURAL CEREMONY OF DPTC OFFICE BUILDING	

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4/18	Tue		
	10:30-12:00	Water Resource Development	Dr. A.B. Thapa
	13:00-14:30	GIS technics	Mr. Zafar Karim
	15:00-16:30	Hydrology on Snow and Glacier	Mr. A.P. Pokhrel
4/19	Wed		
	10:30-12:00	Special lecture on Geology	Dr. KIZAKI (T.U.)
	13:00-14:30	Introduction to Geology	Dr. B.N. Upreti (T.U.)
	15:00-16:30	Structural Geology and Plate Tectonics	Dr. B.N. Upreti (T.U.)
4/20	Thu		
	10:30-12:00	Practice for identification of Rock Samples	Mr. B.D. Shrestha
	13:00-14:30	Global Trends in Environmental Management	Mr. A. Chitrakar
	15:00-16:30	Environmental effect in Nepal and need of Control	Mr. N.P. Gautam
4/21	Fri		
	10:30-12:00	Case Study of EIA, of East Rapti Irrigation Project	IUCN
	13:00-14:30	Monitoring and Evaluation and its Indicator	Mr. N.P. Gautam (DPTC)
4/22	Sat	Holiday	
4/23	Sun TO 4/28 Fri	Field Trip to Terai (Dharan-Dhankuta Road, Sarlahi and Rautahat Districts, East Rapti Jogimara etc.)	
4/29	Sat	Holiday	
4/30	Sun		
	10:30-12:00	Hydrometry	Mr. O.R. Bajracharya Mr. K.N. Shrestha
	13:00-14:30	GLOF	Mr. P.K. Mool
	15:00-16:30	Rainfall data	Mr. L. M. Acharya

5/1	Mon		
	10:30-12:00	Run off Calculation	Mr. J.K. Bhusal
	13:00-14:30	General Meteorology and Weather Forcecast	Mr. M.L. Shrestha
	15:00-16:30	Extreme floods in 1993	Mr. J.K. Bhusal
5/2	Tue		
	10:30-12:00	Nepalese Rivers	Mr. I.S. Thapa
	13:00-14:30	Japanese Rivers	Mr. T. INOUE (DPTC)
	15:00-16:30	River Survey I	Mr. N.P. Paudyal (DPTC)
5/3	Wed		
	10:30-12:00	River Survey II	Mr. T. INOUE (DPTC)
	13:00-14:30	River Planing I	Mr. G.R. Joshi (DPTC)
	15:00-16:30	River Planing II	Dr. Manandhar (T.U.)
5/4	Thu		
	10:30-12:00	Design for River Training Work I	Mr. N.P. Paudyal (DPTC)
	13:00-14:30	Design Procedure for River Training Work II	Mr. G.R. Joshi (DPTC)
	15:00-16:30	Design Exercise	Mr. N.P. Paudyal (DPTC)
5/5	Fri		
	10:30-12:00	Policy, Strategy of long term plan of the DOSC	Mr. M.P. Wagle (DOSC)
	13:00-14:30	Significance of Sabo for for Nepal	Mr. B.P. Pudasaini (DOSC)
5/6	Sat Holiday		
5/7	Sun		
	10:30-12:00	Sabo in Japan	Mr. S. MIYAJIMA (DPTC)
	13:00-14:30	Case Study on runoff and Soil loss in Watershed Project	Mr. P.B. Shaha (ICIMOD)
	15:00-16:30	Structural Counter measures for sediment control	Mr. H.R. Shrestha (DOSC)
5/8	Mon		
	10:30-12:00	Sedunebt Yield Survey	Mr. MIYAJIMA
	13:00-14:30	Natural System Monitoring, Run off and Soil loss studies Survey on sedimentation in to reservoirs	Mr. K.M. Sthapit

	15:00-16:30	Classification of Sediment Source and Causes of Sediment Production	Mr. T.B. Thapa
5/9	Tue		
	10:30-12:00	Landslide in Nepal	Mr. A.M. Dixit
	13:00-14:30	Concept of Landslide	Dr. M.R. Dhital
	15:00-16:30	Investigation of Landslide I	Mr. B. Tiwari
5/10	Wed		
	10:30-12:00	Investigation of Landslide II	Mr. B. Tiwari
	13:00-14:30	Landslide Hazard Mapping	Dr. M.R. Dhital
	15:00-16:30	Stability Analysis of Slopes I	Mr. B. Tiwari
5/11	Thu		
	10:30-12:00	Stability Analysis of Slopes II	Mr. B. Tiwari
	13:00-14:30	Prevention Work for Slope failure	Mr. KITAHARA
	15:00-16:30	Landslide Prevention Work I	Mr. B. Tiwari
5/12	Fri		
	10:30-12:00	Bio-Engineering in River Training	Mr. G.R. Joshi (DPTC)
	13:00-14:30	River Management	Mr. T. INOUE (DPTC)
5/13	Sat Holiday		
5/14	Sun	Holiday Budha Jayanti	
5/15 to 5/17	Mon Wed	Field Trip	
5/18	Thu		
	10:30-12:00	Rivers of Existing River Structures	Mr. S.N. Upadhyay
	13:00-14:30	Introduction to Model RTW's	Mr. N.P. Poudyal (DPTC)
	15:00-16:30		Mr. S.N. Upadhyay
5/19	Fri		
	10:30-12:00	Landslide Prevention Work in Japan	Mr. KITAHARA
	13:00-14:30	Landslide distribution mapping	Mr. Yagi

5/20	Sat	Holiday	
5/21	Sun		
	10:30-12:00	Case Study of landslide master plan in 19 Km. Model site	Mr. B. Tiwari
	13:00-14:30	Slope stabilization Work by Bio-Engineering in Road Sector	Mr. A.K. Batajoo
	15:00-16:30	Disaster Prevention Activities in the Road Sector of Nepal	DOR
5/22	Mon		
	10:30-12:00	Physical Characteristics of Debris flow	Mr. MIYAJIMA
	13:00-14:30	Bio-Engineering for Soil Conservation	Mr. T.B. Thapa
	15:00-16:30	Example of Bio-Engineering Works	Mr. MIYAJIMA Mr. T.B. Thapa
5/23	Tue		
	10:30-12:00	Role of Forest for Soil Conservation	Mr. T.B. Thapa
	13:00-14:30	Activities of Bagmati Watershed	Mr. M. Upadhyay
	15:00-16:30	Examination on Sabo Work	Mr. MIYAJIMA Mr. T.B. Thapa
5/24	Wed		
	10:30-12:00	Hydraulic Lab. (Godavari)	Mr. B.G. Rajkarnikar (DPTC)
	13:00-14:30	Sabo experiment at Godavari	
5/25	Thu	River experiment at Godavari	
5/26	Fri	Landslide experiment at Godavari	
5/27	Sat	Holiday	
5/28 To 6/2	Sun Fri	Field Trip	
6/3	Sat	Holiday	
6/4	Sun		
	10:30-12:00	People's Participation for Project	Mr. C. Manandhar

	13:00-14:30	People's Motivation for Project	Mr. C. Manandhar
	15:00-16:30	Maintenance and Management of Heavy Eq.	Short term Expert
6/5	Mon		
	10:30-12:00	Construction Material Testing at DOR Central Lab	Dr. Shahi
	13:00-14:30	Inspection on Thapa Thali Bridge	
	15:00-16:30	Structural Materials	Mr. Wakai (DPTC)
6/6 To 6/8	Tue Thu	Study in each Fields River Training, Landslide and Sabo	
6/9	Fri	Report Writing on each Fields	
6/10	Sat Holiday		
6/11	Sun	Report Writing on each Fields	
6/12	Mon		
6/13	Tue		
	10:30-12:00	Report Presentation	
	13:00-14:30		
	15:00-16:30	General Questionnaire	
6/14	Wed		
	10:30-12:00	Test	
	13:00-14:30		
	15:00-16:30	Model Answers	
6/15	Thu		
	10:30-12:00	Evaluation	
	13:00-14:30	Closing	
	15:00-16:30	Tea Party	

③－2 **Outline of The Training**

Training Course	: The Intensive Course
Venue	: DPTC at Khumaltar, Satdobato, Lalitpur
Date	: January 8, 1995 to September 30, 1995
Tentative Curriculam	: as per enclosure
Participants	: Gazetted Class III
Accomodation	: None
Transportation	: Will be arranged by DPTC to be picked up at certain points
Note	: Each concerned department should select two persons as main candidates, DPTC may select one or both of them. The work experience of all of them should be described in detail in the format as included in the record form.

Intensive Course Training
(Tentative brief Schedule)

Schedule :

Jan. Opening ceremony, Activity of each Division and

Feb. On the job training in each field (each field should make their own agenda)

Agenda :

1. River Training

River Training Master Plan for Bagmati River in Kathmandu Valley and Hydraulic Model Testing.

2. Sabo

Survey on debris flow :

Risk Analysis in Nakhu Khola and Hydraulic model testing.

3. Landslide

Pick up the landslide threaten area and Model landslide testing.

4. Hydrology

1) calculation of return period
2) setting the rainfall gauge

	Week	Place	Contents
	1	Lecture room	Orientation (Types and cause of disaster, survey, planning, design, construction and maintenance)
Mar	2	Hydraulic Lab.	Hydraulic and Landslide model test
	3	Tech.Dev.Div.	Practice on a specific subject of
	4	Field	Technology development, survey practice in the field I (setting of hydrological station such as rain gauge, water level gauge and observation of the data)
Apr	5	"	Survey practice in the field II (Investigation for landslides, river bed variation, road collapse etc.)
&			
May	6-9	"	Construction practice (* Hillside works including gully control, torrent control, vegetation etc.) * Landslide control, slope stabilization, debris flow, control for infrastructure protection * River training)
	10	Inform.Div.	Practice of collection and compilation of data relevant to water induced disaster
	11	Lecture room	Report writing
	12	"	Presentation of the report, discussion/seminar etc.

June July Aug.	On the Job Training (same as before)
Sep.	Report Presentation Presentation of Text books and lectures for the general course Training and Closing Ceremony.

④ 研修生からの回答および概要

④－1　　元研修生によるＤＰＴＣ研修コースの評価

1．一般コース参加者：回答１名（土壌保全局、１９９４年９－１０月）
・研修コースは治水砂防の知識を深めるのにとても有効であった。
・研修後、上司や同僚に研修の内容について報告し、配布されたテキストを供覧して意見交換を行った。ただし公式な発表会などは行っていない。
・研修で習ったことを今後現場で有効に生かしていきたいと考えている。
・技術に対する確信をより深め、新しい技術について習得するため、こうした研修を今後も受講したい。
・ＤＰＴＣとのコンタクトを今後とも続けていきたい。ＤＰＴＣで発行したテキストや技術レポートなどをぜひ送ってもらいたい。

2．上級コース参加者：回答２名（土壌保全局、１９９３年４－６月及び９４年３－５月）
・研修コースは現場における問題を解明し、計画・設計を行う上で役立った。また研修で得られた知識は現場事務所に対する技術的助言をする上で役立った。
・研修は自分の専門以外についてもカバーしており、他の分野の必要性が認識され実務に役立てることができた。
・職場の同僚や部下と研修で学んだことについて議論している。

3．集中コース参加者：回答２名（道路局、土壌保全局、１９９３年及び９４年）
・研修期間が９ヶ月は長すぎた。集中コースの合間に上級コースを受講したが、上級コースのみで充分であった。また研修日当が少なすぎる。
・研修後、タイのＡＩＴのマスターコースに留学しているが、ＤＰＴＣで学んだことが役立っている。
・研修コースで学んだことが仕事への自信につながった。特に道路建設や道路構造物に関するサイトセレクションや工事、維持管理について自信を深めることができた。
・修士論文（地すべり危険地域の判定）の作成において、ＤＰＴＣで学んだことを生かしている。
・研修で学んだことを職場の人に伝えることはしていない。
・研修で学んだことを職場の仲間や上司と議論し合っている（ただし公式な発表会などはやっていない）。

④－2

QUESTIONNAIRE

Name of training course : General
Period : 11 sept. — 4 oct. 1994
Name of trainee : Narayan Prasad Koirala
Position, Department, Ministry : Soil cons. Asst., Soil conservation Dept. Ministry of Forest & soil conservation.

1. Do you think that the training course is useful ?
How are you applying the subject matter of training course to your works ? Please describe as concretely as possible.

-Yes, This training is helpful to me to have clear knowledge about Hydrology, Hydraulics and General design of structures considering Bio-Engineering concept in field activities implementation.

2. How do you compare the training course of DPTC with other training courses if you attended, more useful, same or less useful ?

-Comparision in the other training courses, The DPTC highlights broad conception rather than concentration in particular areas of technology.

3. Do you recommend your colleagues to attend the training courses of DPTC ?

- I strongly recommend to attend the training courses of DPTC to my colleagues especially working with soil conservation and watershed Mgmt.

4. What courses do you suggest for DPTC to conduct in future in addition to the current three courses i.e. General, Advanced and Intensive courses ?

-I think, in addition to the current courses, if possible, I suggest to include broad areas of Integrated watershed Management in detail and Participatory approaches to the field level based on the consultation with concerning Department.

5. With the application of technical learnings in training period what are the specific changes and usefulness you noted at your present works ? Please describe in detail.

- When I backed from the General course training of DPTC. I am trying to convey to my boss and colleagues usefulness and concept of DPTC. They are also keenly interested to discuss and consult handsout whatsoever I had got during training period. Our team is also thinking to give emphasis in applying these concepts because of our Departmental 'Motto' also having appropriate. At present, We are working at Gorkha 'Bhusunde khola' Watershed (Nepal/Italy/FAO PUCD Project) and are trying to apply the technology that had given to us during the training period.

6. How you transfer your training knolwdge at your work ?

- According to the present situation of the project area, there is a Bhusunde Khola watershed as a working territory. Our field team is thinking to manage upstream-downstream problems using minimum input with people participation approaches. side by side, creating awareness in the community area for protecting their agricultural land and settlements existed at the fan/prone area along the bank of stream. I am trying to explore the Japanese technique named-'SABO'/SABO DAM at working territory or the community.

7. Do you require such trainings intermitently, if yes describe why ?

- Yes, it is because to have more confident on transfer of technologies, refres-
- ment, up dating the present Knowledge.

8. Have you tried to conduct technical gatherings for transfering knowledge that you acquired at DPTC, if yes describe its impact.

- I have not tried to conduct technical gathering formally but, informally I have discussed with my colleagues about transfering knowledge in the training [redacted] what I have acquired and understood. At the field level, the impact is not seen yet, but I hope that impact will come in positive in the future. Talking with people at the community meeting in this connection has been started.

9. Others

- I individually suggest to the DPTC to increase the quotas of participants for the Department of Soil conservation. I am in great pleasu having known about this follow-up programme. I also suggest to keep in mind whatever trainees use to give the information and suggetion during and after the training, which can help to reform in the positive direction in the future.

I would be very much pleased if you could extend me some DPTC publications for my information.

Last but not the least, Please convey my best wishes and regards to all the DPTC staffs on the occasion of HAPPY NEW YEAR 2052 B.S.

Hopping your fullest Co-operation in the future.

Thank you very much.

March-29-1995

QUESTIONNAIRE

Name of training course : Advanced Course
Period : 5 April - 11 June 1993
Name of trainee : Hari Ram Shrestha
Position, Department, Ministry : Civil Engineer, Dept. of Soil Conservation MOFSC.

1. Do you think that the training course is useful ? Yes.
How are you applying the subject matter of training course to your works ? Please describe as concretely as possible.

Since I have to support the District Soil Conservation offices in technical matter, especially the knowledge gained about Soil Engineering and Landslide Control is quite helpful in helping the district offices to solving different problems.

2. How do you compare the training course of DPTC with other training courses if you attended, more useful, same or less useful ?

DPTC training is more useful as it covered wide range of subject like Soil Engineering, bio-engineering, river engineering and also field visit during the training.

3. Do you recommend your colleagues to attend the training courses of DPTC ?

Yes, it can help them tackling different problem of different nature effectively

4. What courses do you suggest for DPTC to conduct in future in addition to the current three courses i.e. General, Advanced and Intensive courses ?

5. With the application of technical learnings in training period what are the specific changes and usefulness you noted at your present works ? Please describe in detail.

Being a Civil Engineer, I was quite unaware of effectiveness of bio engineering which can be implemented very economically, ~~which~~ before the training, Also the different economic and effective structure suitable in the condition of Nepal for preventing natural disaster like debris flow, flood, etc

6. How you transfer your training knolwdge at your work ?.

By applying the knowledge obtained in different subject matters in solving the actual problems in the field.

7. Do you require such trainings intermitently, if yes describe why ?

Yes, because ~~I~~ many technological innovations are made day after day, new, effective, more efficient and more economical technologies are being brought out.

8. Have you tried to conduct technical gatherings for transfering knowledge that you acquired at DPTC, if yes describe its impact.

9. Others

QUESTIONNAIRE

Name of training course : Advance Course Training
Period : 6 March to 20 May, 1994
Name of trainee : JAGANNATH JOSHI
Position, Department, Ministry : Asst. Research Officer
Department of Soil Conservation, MFSC

1. Do you think that the training course is useful ? Yes.
How are you applying the subject matter of training course to your works ? Please describe as concretely as possible.

I am involved in Soil Conservation and Watershed Management (SCWM) research and management of SCWM activities in the demonstration centres. Subject matter of the training course such as geology, Hydrology, bio-engineering and various topics related to Soil Conservation helped me to understand site specific soil erosion problems existing in different physiographic regions of Nepal and plan, design and recommend appropriate conservation measures.

2. How do you compare the training course of DPTC with other training courses if you attended, more useful, same or less useful ?

Advance training course of DPTC is professional and mainly practicable. I found Advance Course Training more useful compared with other training courses I have attended.

3. Do you recommend your colleagues to attend the training courses of DPTC ?

I strongly recommend my colleagues and subordinate technicians to attend the training courses of DPTC.

4. What courses do you suggest for DPTC to conduct in future in addition to the current three courses i.e. General, Advanced and Intensive courses ?

* Bio-engineering Course
* Watershed Management Course
* Hazard Mapping Course
* Course related to Research on Water Induced Disaster potentiality Prevention and Mitigation including application of GIS.

5. With the application of technical learnings in training period what are the specific changes and usefulness you noted at your present works ? Please describe in detail.

Clear understanding of root causes of soil erosion and carefulness in design and implimentation of appropriate soil conservation measures are the specific changes and usefulness I have noted at my present works.

6. How you transfer your training knolwdge at your work ?

Please see the answer of Q. No. 1.

7. Do you require such trainings intermitently, if yes describe why ?

Yes, because
- to become reoriented in the specific technical matters
- to fulfil information gap
- to learn more tehnical matters

8. Have you tried to conduct technical gatherings for transfering knowledge that you acquired at DPTC, if yes describe its impact.

Time and often, I have discussed with my colleagues and subordinate staffs regarding the learnings from advance course training, but formal technical gathering is not yet conducted.

9. Others

My best wishes for the progress and success of DPTC.

QUESTIONNAIRE

Name of training course : Intensive
Period : Jan - Sept (1993)
Name of trainee : PURNACHANDRA LALL RAJBHANDARI
Position, Department, Ministry : ASSIST. SOIL CONSERVATION OFFICER
Dept of Soil Conse. Ministry of Food & Soil Cons

1. Do you think that the training course is useful ? yes.
How are you applying the subject matter of training course to your works ? Please describe as concretely as possible.

As immediate after the completion of course I had been nominated for ME Course in Remote Sensing & GIS Courses at AIT, Bangkok. Therefore I don't have field working experience after training. But I applied this training knowledge for my thesis work which helped me a lot and provided me capability of think about the future probable impact of the water induced disaster. I do hope that in future I can apply lot of lessons learned of training period.

2. How do you compare the training course of DPTC with other training courses if you attended, more useful, same or less useful ?

As for other training, I do believe that DPTC's training Courses are more competitive and do hope that in the near future it will be in the international standard.

3. Do you recommend your colleagues to attend the training courses of DPTC ?

Yes Strongly

4. What courses do you suggest for DPTC to conduct in future in addition to the current three courses i.e. General, Advanced and Intensive courses ?

I Suggest that please to conduct some courses very specific
e.g. → Courses on Land Slide & its Cause & Consequences.
on Flood's & its ~~Impacts~~ Cause & consequences

5. With the application of technical learnings in training period what are the specific changes and usefulness you noted at your present works ? Please describe in detail.

Now, I am spending as student, but when I write about usefulness, yes it is very useful for my study and I will be more useful in my working career

6. How you transfer your training knolwdge at your work ?

I apply it in my thesis work e.g. landslide hazard zonation. In this study I am using Geo-information systems which is a tool for planning and this need the knowledge of the ~~[illegible]~~ application field of study. So I ~~[illegible]~~ am applying/transferring the training knowledge through GIS

7. Do you require such trainings intermitently, if yes describe why ?

Yes, because after training also we feel gap and need some more information which we realised during work. So the further training can meet this specific field training need.

8. Have you tried to conduct technical gatherings for transfering knowledge that you acquired at DPTC, if yes describe its impact.

Not formally, but during discussion & informal gathering I do transfer the knowledge learned from DPTC.

9. Others

I do suggest that please amend your curriculum of the course by trying to add some modern technology which is the need of the ~~world~~ our working field e.g. GIS, Remote sensing, seismic impact on landslide, and please concentrate more on geology.

QUESTIONNAIRE

Name of training course : Intensive (Second
Period : 9 months (Second Batch - Sep 1994
Name of trainee : Pushpanjali Khanal
Position, Department, Ministry : Engineer, Roads, Works and Transport

1. Do you think that the training course is useful ?
How are you applying the subject matter of training course to your works ? Please describe as concretely as possible.

The Training Course is ~~some~~ useful but the duration of the course is too long. This duration should be shortened. The second Part of the Question is similar to the Question No. 6.

2. How do you compare the training course of DPTC with other training courses if you attended, more useful, same or less useful ?

Other Training Courses, Not Attended.

3. Do you recommend your colleagues to attend the training courses of DPTC ?

No-body in DOR is interested to attend the so long training course without any incentives. Though, I recommend my colleagues to attend the course, they do not respond.

4. What courses do you suggest for DPTC to conduct in future in addition to the current three courses i.e. General, Advanced and Intensive courses ?

I suggest DPTC to conduct only the two courses namely General and Advanced but not the Intensive.

5. With the application of technical learnings in training period what are the specific changes and usefulness you noted at your present works ? Please describe in detail.

The specific changes that I noticed is the gain of Confidience in doing works. Without any fluctuations, I can give some concrete discissions for the Site selection, Construction and Maintenance of Roads and Road related structures.

6. How you transfer your training knolwdge at your work ?

The most important subject that I learned during the training is Geology. I apply the Geological knowledge in the physibility study for the construction of Roads, Site selection of Bridges etc. Another important thing is Landslide Hazard Mitigation Technique. These techniques can be applied to stabilize the landslides affecting the roads and road side support structures.

7. Do you require such trainings intermitently, if yes describe why ?

No.

8. Have you tried to conduct technical gatherings for transfering knowledge that you acquired at DPTC, if yes describe its impact.

No.

9. Others

The duration of the Intensive Course Training is very long. I think ~~it will be better~~ Advance Course Training is enough to learn every things. Since the duration is also appropriate, I suggest DPTC not to Conduct 9 months Intensive Course Training ~~is~~ instead, to conduct only Advance Course Training.

⑤ 日本人専門家、ネパール人スタッフおよび外部講師の割合

Number of Lecturers in each Training Course

	General Course					Advanced Course	
	1 st	2 nd	3 rd	4 th	5 th	1 st	2 nd
Counterpart	12 (28 %)	10 (27 %)	15 (40 %)	19 (49 %)	12 (39 %)	14 (23 %)	21 (27 %)
JICA Expert	15 (35 %)	6 (16 %)	8 (22 %)	6 (15 %)	6 (19 %)	12 (20 %)	15 (20 %)
JICA Expert (Short-term etc.)	3 (7 %)	2 (6 %)	0	3 (8 %)	0	3 (5 %)	3 (4 %)
Outsider	13 (30 %)	19 (51 %)	14 (38 %)	11 (28 %)	13 (42 %)	32 (52 %)	37 (49 %)
Total	43	37	37	39	31	61	76

This table does not include lectures for Field Trip, Group wise study and Hydraulic Experiment.

⑥ 各研修コースのテキスト一覧表

GENERAL

Contents

1. Background of DPTC by S.P.Rimal,Project Diretor of DPTC
2. Disater Prevention in the World by Hidetom: OI,Chief Advisor of DPTC
3. Glacial Lake Outburst Floods by Dr.T.Yamada B.R. and Manandhar of WECS
4. Some Activities of ICIMOD Related to Disater Prevention by S.R.Chalise of ZCIMOD
5. Policies and Activities of the Department of Soil Conservation and Watershed Management for Disaster Prevention/Preparedness
6. Policies and Activites of the irrigation Department by Dr.B.K.Aryal of DOI for Disaster Prevention/Preparedness
7. Policies and Activities of Departmentof of Roads by B.Deoja of DOI on Disaster Prevenion/Preparedness
8. Policies and Activities of the Department of Hydrology and Meteorology for Disaster Prevention/Preparedness
9. Policies and Activities of Home Ministry for Disaster Prevention/Preparedness

List of Tiles and anthors of textbooks for the General Course Training 6 Sep-24 Sep.1992

HYDROLOGY AND METEOROLOGY

Contents

6 Sep.–24 Sep.1992. General Course

SABO

Content

6 Sep.–24 Sep.1992. General Course

LANDSLIDE

Contents

6－24 Sep.1992. General Course

RIVER TRAINING WORK

Contents

6－24 Sep.1992 General Course

CONSTRUCTION MATERIALS

Contents

6－24 Sep.1992 General Course

Advanced Course 5 April–10 June 1993

GENERAL

Contents

List of titles and anthors of textbooks for the Advanced Course Training

HYDROLOGY AND METEOROLOGY

Contents

SABO

Contents

LANDSLIDE

Contents

CONSTRUCTION MATERIALS

Contents

1. **Earth Materials** by Dr.R.K.Poudel of Institutl of Engineering

RIVER TRAINING

Contents

Contents

⑦ DPTC研修生寮の運営規則素案

Management & Regulations of Dormitory of DPTC (DRAFT)

1. No. of Rooms — 10

2. Capacity — 20 (2 persons per room)

3. Accommodation charges will be as followings:

Int. organizations	Rs. 200/per bed
NGO, INGO or others	Rs. 150/per bed
DPTC Trainees	Rs. 100/per bed

Food

Food arrangement for trainees should be made either in canteen or outside by themselves.

Restriction

1. Dormitory will be opened at — 6 AM in Winter (November -February); 5 AM in Summer (March - October)

   Dormitory will be closed — 9 PM in Winter; 10 PM in Summer

2. Family visitors or outsiders are not allowed to spend the night in the rooms of trainees.

3. Visiting hours: — 8-9 AM; 6-7 PM; In Holidays 10 AM-5 PM

4. Visits would be permitted to get in only by identification at front desk

5. Alcohol is prohibited in the dormitory complex.

6. No alcoholist would be allowed to inter into dormitory.If any trainees will take alcohol or drugs inside dormitory or if he/she will enter in drunk or abused condition and makes unnecessary noise, the management will take immediate action and can also discharge him/her from dormitory if needed.