

(COURSE No.-1)

M.P. WATER AND LAND MANAGEMENT INSTITUTE, BHOPAL

Title of training: **Orientation on Quality Structures
of Soil & Water Conservation**

Participants: Project Officer, Project Coordinator (Technical)

Duration: 3 days

Day	Lecture	Topic of lecture	Resource person
Day-1	I	Pre evaluation of participant	Vivek Dixit BYPASS Sansthan Mob. 9425018547
	II	Fundamentals of watershed (Technical aspect: drainage system, toposheet, recharge zone, transition zone, discharge zone)	Vivek Dixit BYPASS Sansthan
	LUNCH BREAK		
	III	Technical criteria for selection of structure. Basic thumb rule	Jitendra Saxena BYPASS Sansthan Mob. 9993182891
	IV	Planning, designing and layout of soil conservation structures (Trench, contour bund) Contouring by A level & pipe level	Jitendra Saxena BYPASS Sansthan
Day-2	I	Planning, designing and layout of soil conservation structures (gully plug, LBS, Gabion)	Jitendra Saxena BYPASS Sansthan
	II	Planning, designing and layout of water harvesting structures (earthen nala bund, farm pond, dabri)	Jitendra Saxena BYPASS Sansthan
	LUNCH BREAK		
	III	Field practical (accompanied by visit)	Yogendra Yadav BYPASS Sansthan Mob. 9425676941
	IV	Field practical (accompanied by visit)	Yogendra Yadav BYPASS Sansthan

Day-3	I	Feedback of field visit	Jitendra Saxena BYPASS Sansthan
	II	Planning, designing and layout of water harvesting structures (percolation tank, stop dam)	Jitendra Saxena BYPASS Sansthan
	LUNCH BREAK		
	III	Estimation of watershed structures	Vivek Dixit BYPASS Sansthan
	IV	Do's/Dont's, Feedback of training and closing Session	Vivek Dixit BYPASS Sansthan

(COURSE No.-2)

M.P. WATER AND LAND MANAGEMENT INSTITUTE, BHOPAL

Title of training: Convergence of Various Schemes With Watershed Management Works

(Participants: Project Officer, Project Coordinator)

Duration: 3 days

Day	Lecture	Topic of lecture	Resource person
Day-1	I	Pre evaluation of participant	Vivek Dixit BYPASS Sansthan Mob. 9425018547
	II	Objectives of watershed management programme	Vivek Dixit BYPASS Sansthan
	LUNCH BREAK		
	III	Role of PIA in convergence of schemes	A.S. Yadav BYPASS Sansthan Mob. 9425393744
	IV	Need assessment of project area	A.S. Yadav BYPASS Sansthan
Day-2	I	Details of various schemes including eligibility criteria, process, and contact person (Agriculture & horticulture)	Jitendra Saxena BYPASS Sansthan Mob. 9993182891
	II	Details of schemes of government department including eligibility criteria, process, and contact person (Animal husbandry)	Jitendra Saxena BYPASS Sansthan
	LUNCH BREAK		
	III	Details of schemes of government department including eligibility criteria, process, contact person (Women & child welfare and SSA)	Manju Sharma BYPASS Sansthan Mob. 9425676942

	IV	Details of schemes including eligibility criteria, process, contact person (TSC, Social Justice)	Manju Sharma BYPASS Sansthan
Day-3	I	Details of schemes of government department including eligibility criteria, process, and contact person (KVI)	Jitendra Saxena BYPASS Sansthan
	II	Details of schemes of government department including eligibility criteria, process, and contact person (NABARD & BANKS)	Vivek Dixit BYPASS Sansthan
	LUNCH BREAK		
	III	Details of schemes of government department including eligibility criteria, process, contact person (NREGS)	Vivek Dixit BYPASS Sansthan
	IV	Feedback of training	

(COURSE No.-3)

M.P. WATER AND LAND MANAGEMENT INSTITUTE, BHOPAL

Title of training: **Nursery Raising and Horticultural Developments**

(Participants: Project Officer, Project Coordinator (Technical))

Duration: 5 days

Day	Lecture	Topic of lecture	Resource person
Day-1	I	Pre evaluation of participant	Walmi, Bhopal
	II	Methods of nursery raising and its care	Expert , Deptt. of Agriculture
	LUNCH BREAK		
	III	Nursery raising under scarce water availability	Expert , Deptt. of Agriculture
	IV	Irrigation of nursery through sprinkler and drip irrigation	Expert , C.I.A.E., Bhopal
Day-2	I and II	Selection of lands for selected horticultural crops and prior possible treatment.	Expert , I.I.S.S., Bhopal
	LUNCH BREAK		
	III and IV	Preparation of land and planting techniques of horticultural crops	Expert , Deptt. of Agriculture/Horticulture
Day-3	I and II	Water requirement of horticultural crops	Expert , C.I.A.E., Bhopal
	LUNCH BREAK		
	III and IV	Critical growth stages of different horticultural crops and their care with respect to irrigation, nutrient supply especially under adverse weather conditions	Expert , I.I.S.S., Bhopal

Day-4	I	Operation and maintenance of sprinkler and drip irrigation	Expert , Premier Irrigation Equipment Ltd, Bhopal
	II	Measures against pest and disease attack in horticultural crops	Expert , Deptt. of Horticulture
	LUNCH BREAK		
	III	Method of harvesting fruits and their preservation skills and storage structures	Expert , Deptt. of Horticulture
	IV	Marketing techniques of horticultural produce	Expert , ASA, Bhopal
Day-5	I and II	Instrumentations and machineries associated with horticultural developments and monitoring of growth parameters	Expert , Premier Irrigation Equipment Ltd, Bhopal
	LUNCH BREAK		
	III	Cost benefit analysis of horticultural crops in comparison to cereal crops	Expert , Deptt. of Horticulture
	IV	Do's and don'ts, feedback of training, certificate distribution and closing session	All faculty members Walmi, Bhopal

(COURSE No.-4)

M.P. WATER AND LAND MANAGEMENT INSTITUTE, BHOPAL

Title of training: **Water-bodies Based Livelihood Opportunity in
Watershed Areas**

(Participants: Project Officer, Project Coordinator (Technical))

Duration: 5 days

Day	Lecture	Topic of lecture	Resource person
Day-1	I	Pre evaluation of participant	Co-ordinator
	II	Water bodies: Introduction, necessity and its function	Walmi, Bhopal
	LUNCH BREAK		
	III and IV	Planning , designing and construction of water bodies with reference to recharge, surface water use and cultivation of crops	Expert , Deptt. of Agriculture/Horticulture
Day-2	I and II	Selection of seed and seed treatment and techniques of cultivation of Waterchest-nut, Beetalnut and other crops	Expert , Deptt. of Agriculture/Horticulture
	LUNCH BREAK		
	III and IV	Suitability of different water bodies and for various crops	Expert , Deptt. of Agriculture/Horticulture
Day-3	I and II	Care of crops during critical growth stages with respect to declining water level in water bodies and deteriorating water quality	Expert , Deptt. of Agriculture/Horticulture
	LUNCH BREAK		
	III and IV	Maintenance of water bodies for cultivation of different crops including desiltation aspects	Expert , Deptt. of Water Resources

Day-4	I and II	Techniques of harvesting, processing, preservation and storage of crops being grown in water bodies	Expert , Deptt. of Agriculture/Horticulture
	II	Measures against pest and disease attack in horticultural crops	Expert , Deptt. of Agriculture/Horticulture
	LUNCH BREAK		
	III	Storage structures for different crops being grown in water-bodies	Expert , Deptt. of Agriculture/Horticulture
	IV	Methods of making different produce of harvested product	Expert , ASA, Bhopal
Day-5	I and II	Instrumentations and machineries associated with the crops being grown in water-bodies	Expert , Deptt. of Agriculture/Horticulture
	LUNCH BREAK		
	III	Marketing techniques of produce obtained	Expert , Deptt. of Agriculture/Horticulture
	IV	Do's and don'ts, feedback of training, certificate distribution and closing session	All faculty members ,Walmi, Bhopal

(COURSE No.-5)

M.P. WATER AND LAND MANAGEMENT INSTITUTE, BHOPAL

Title of training: Forest Based Livelihood Opportunities In Watershed Areas

(Participants: Project Officer, Project Coordinator (Technical))

Duration: 3 days

Day	Lecture	Topic of lecture	Resource person
Day-1	I	Pre evaluation of participant	Co-ordinator
	II	Forest: Definition, Importance and Necessity	Walmi, Bhopal
	LUNCH BREAK		
	III and IV	Soil and Water Conservation Treatments for Maximizing Forest Produce	Expert , C.I.A.E. Bhopal
Day-2	I and II	Different kinds of forest produce and their applications	Expert , Deptt. of Forest
	LUNCH BREAK		
	III and IV	Techniques of harvesting, processing, preservation and storage of forest produce	Expert , Deptt. of Forest

P.T.O.

Day-3	I and II	Measures against pest and disease attack in forest produce	Expert , Deptt. of Agriculture/Horticulture
	LUNCH BREAK		
	III	Marketing techniques of produce obtained	Expert , Deptt. of forest
	IV	Do's and don'ts, feedback of training, certificate distribution and closing session	All faculty members ,Walmi, Bhopal

(COURSE No.-6)

M.P. WATER AND LAND MANAGEMENT INSTITUTE, BHOPAL

Title of training: **Micro-Enterprise Development In Watershed Areas**

(Participants: Project Officer, Project Coordinator (Technical))

Duration: 5 days

Day	Lecture	Topic of lecture	Resource person
Day-1	I	Pre evaluation of participant	Co-ordinator
	II	Identification of areas of micro-enterprise in watershed	Expert, CEDMAP
	LUNCH BREAK		
	III and IV	Scope of micro-enterprise from produce of Kharif ,Rabi and Summer crops	Expert , Deptt. of Agriculture/Horticulture
Day-2	I and II	Establishment of industries to process crops of Kharif, Rabi and Summer besides crops based on water bodies	Expert , M.P.L.U.N.
	LUNCH BREAK		
	III and IV	Marketing and packing techniques of produce obtained	Expert , Deptt. of Agriculture/Horticulture
Day-3	I and II	Operation and maintenance of industries established	Expert , M.P.L.U.N.
	LUNCH BREAK		
	III	Rules and regulations for establishment of industries	Expert , M.P.L.U.N.
	IV	Do's and don'ts, feedback of training, certificate distribution and closing session	All faculty members ,Walmi, Bhopal

(COURSE No.-7)

M.P. WATER AND LAND MANAGEMENT INSTITUTE, BHOPAL
Title of training: **Livestock Based Livelihood Opportunity in Watershed Areas**

(Participants: Project Officer, Project Coordinator (Technical))

Duration: 5 days

Day	Lecture	Topic of lecture	Resource person
Day-1	I	Pre evaluation of participant	Co-ordinator
	II	Livestock: , necessity, importance and their contribution in national economy	Expert , Deptt. of Veterinary and Animal Husbandry
	LUNCH BREAK		
	III and IV	Improving health of live-stocks and increasing their immunity against diseases	Expert , Deptt. of Veterinary and Animal Husbandry
Day-2	I and II	Different produces offered by livestock and their utility for various purposes	Expert , Deptt. of Veterinary and Animal Husbandry
	III and IV	Processing of produce offered by livestock	Expert , Deptt. of Veterinary and Animal Husbandry

P.T.O.

Day-3	I and II	Marketing of produce offered by livestock	Expert , Deptt. of Veterinary and Animal Husbandry
	LUNCH BREAK		
	III	Sheds for livestock	Expert , Deptt. of Veterinary and Animal Husbandry
	IV	Do's and don'ts, feedback of training, certificate distribution and closing session	All faculty members ,Walmi, Bhopal

(COURSE No.-8)

M.P. WATER AND LAND MANAGEMENT INSTITUTE, BHOPAL

Title of training: **Agriculture Based Livelihood Opportunity in Watershed Areas**

(Participants: Project Officer, Project Coordinator (Technical))

Duration: 5 days

Day	Lecture	Topic of lecture	Resource person
Day-1	I	Pre evaluation of participant	Co-ordinator
	II	Contributions of agriculture in national growth	Expert , Deptt. of Agriculture/Horticulture/ Walmi, Bhopal
	LUNCH BREAK		
	III and IV	Scope for maximizing Kharif crops with reference to irrigation supply, water harvesting and nutrient supply	Expert , Deptt. of Agriculture/Horticulture
Day-2	I and II	Scope for maximizing Rabi and Summer crops with reference to irrigation supply, water harvesting and nutrient supply	Expert , Deptt. of Agriculture/Horticulture
	LUNCH BREAK		
	III and IV	Livelihood generation through produce of Kharif crops	Expert , Deptt. of Agriculture/Horticulture
Day-3	I and II	Livelihood generation through produce of Rabi and Summer crops	Expert , Deptt. of Agriculture/Horticulture

	LUNCH BREAK		
	III and IV	Livelihood generation through setting-up of small scale industries for processing of Kharif, Rabi and summer crops produce	Expert , Deptt. of Water Resources
Day-4	I and II	Livelihood generation through construction of storage structures for storage of Kharif, Rabi and summer crops	Expert , Deptt. of Agriculture/Horticulture
	LUNCH BREAK		
	III and IV	Livelihood generation through instrumentations and machineries associated with the processing of crops being grown in Kharif, Rabi and Summer	Expert , Deptt. of Agriculture/Horticulture
Day-5	I and II	Livelihood generation through marketing of produce of Kharif, Rabi and summer crops	Expert , Deptt. of Agriculture/Horticulture
	LUNCH BREAK		
	III	Education of agricultural labourers for proper agricultural operations	Expert , Deptt. of Agriculture/Horticulture
	IV	Do's and don'ts, feedback of training, certificate distribution and closing session	All faculty members , Walmi, Bhopal

(COURSE No.-9)

M.P. WATER AND LAND MANAGEMENT INSTITUTE, BHOPAL

Title of training: **Bio-Farming Technology**

(Participants: Project Officer, Project Coordinator (Technical))

Duration: 3 days

Day	Lecture	Topic of lecture	Resource person
Day-1	I	Pre evaluation of participant	Co-ordinator
	II	Bio-Farming Technology: Importance and immediate necessity	Expert , Deptt. of Agriculture/Horticulture
	LUNCH BREAK		
	III and IV	Planning, designing and construction of NADEP, nutrient supply by it and its methods of application	Expert , Deptt. of Agriculture/Horticulture
Day-2	I and II	Barriers in adoption of NadeP and extension technology for promoting it	Expert , Deptt. of Agriculture/Horticulture
	LUNCH BREAK		
	III and IV	Planning, designing and construction of NADEP, nutrient supply by it and its methods of application	Expert , Deptt. of Agriculture/Horticulture

Day-3	I and II	Hindrances in adoption of VERMI-CULTURE TECHNIQUE and extension technology for its promotion	Expert , Deptt. of Agriculture/Horticulture
	LUNCH BREAK		
	III and IV	Planning, designing and construction of VERMI-COMPOST, nutrient supply by it and its methods of application	Expert , Deptt. of Agriculture/Horticulture
	V	Do's and don'ts, feedback of training, certificate distribution and closing session	All faculty members ,Walmi, Bhopal

