

Public Health Engineering Department

Government of Mizoram

WATSAN Excellence Bootcamp : Building Tomorrow's Engineers Today

Duration: 5th - 19th August, 2024 Venue : Meeting Hall, E-in-C Building, Khatla, Aizawl
 CHAIRMAN : Er. Ngentluanga, Chief Engineer (Hqrs. & WR), PHED

Week 1: Introduction and Overview Registration : 9:30 am - 10:00 am

Day 1 : 5 th August, 2024			
Session No	Time	Topic	Resource Person
1	10:00am-10:30 am	Welcome and Opening Remarks	Er. F.Liantluanga, Secretary, PHED
2	10:30am-11:30am	Introduction to Public Health Engineering -Objectives & Goals	Er. Lalrothanga, Engineer-in-Chief, PHED
	11:30am-11:45pm	Tea Break	
3	11:45pm-12:45pm	Overview of Urban Water Supply	Er. Zodinthari, Chief Engineer, Zone I
	12:45pm- 1:15pm	Lunch Break	
4	1:15pm-2:15pm	Overview of Rural Sanitation	Er.H. Duhkima, Chief Engineer, Zone II
5	2:15pm-3:15pm	Overview of Rural Water Supply	Er. Ngentluanga, Chief Engineer (Hqrs. & WR)
	3:15pm-4:00pm	Short Break	
6	4:00pm-5:00pm	Jal Jeevan Mission (JJM) : Objectives, Implementation & Operation & Maintenance	Er. Lalropuia, S.E, Rural WATSAN Circle

Day 2 : 6 th August, 2024			
Session No	Time	Topic	Resource Person
1	10:00am-11:00 am	Swachh Bharat Mission Grameen (SBM-G) : Objectives, Implementation & Operation & Maintenance	Er. Lalthanzuali, Project Manager, PMU, JJM, PHED
2	11:00am-12:00pm	NABARD & NESIDS : Objective & Implementation	Er. F. Lalsanglura, Superintending Engineer (Urban), E-in-C Office
	12:00pm-12:15pm	Tea Break	
3	12:15pm-1:15pm	AMRUT 2.0 & SASCI : Objectives & Implementation	Er. H. Lalnunthanga, Sr. Executive Engineer (UWC)
	1:15pm- 1:45pm	Lunch Break	
4	1:45pm-2:45pm	Court Case & Legal Matters	Er. Thanchungnunga, S.E, Champhai WATSAN Circle
5	2:45pm-3:45pm	National & State Regulation on Water, Solid & Liquid Waste	Er. K. Zohmingliana, S.E, Lunglei WATSAN Circle
	3:45pm-4:00pm	Short Break	
6	4:00pm-5:00pm	Introduction to CSS Conduct Rules	Pi Thanchungnungi, Dy. Director (Admn.), Zone II

Day 3 : 7th August, 2024

Session No	Time	Topic	Resource Person
1	10:00am-11:00 am	Tenders & Awards of Contract	Er. Z.D Dengthuama, E.E, Champhai WATSAN Divn.
2	11:00am-12:00pm	WATSAN Committee	Er. P.B Lalnunsanga, Assistant Engineer, E-in-C Office
	12:00pm-12:15pm	Tea Break	
3	12:15pm-1:15pm	Introduction to Contract Manangement & Conflict Resolution	Er. Lalrinzuala Ralte, S.E, Aizawl WATSAN Circle
	1:15pm- 1:45pm	Lunch Break	
4	1:45pm-2:45pm	Plumbing Work	Er. Lalhruaia, Sr. Executive Engineer, AWDD 'North'
5	2:45pm-3:45pm	Quality Assurance & Control	Er. Lalmuankima, Executive Engineer, CE Zone II Office
	3:45pm-4:00pm	Short Break	
6	4:00pm-5:00pm	Water Quality Control & Monitoring	Pu Lalngaihawma, Chief Chemist, SRI, PHED

Day 4: 8th August, 2024

Session No	Time	Topic	Resource Person
1	10:00am-11:00 am	Engineering Accounting -Part 1	Pu Rothuama Tochwawng, Deputy Director (Accounts), E-in-C Office
2	11:00am-12:00pm	Engineering Accounting -Part 2	
	12:00pm-12:15pm	Tea Break	
3	12:15pm-1:15pm	Leave Rules / NPS etc.	Pu Jonathan C. Lalrintluanga, Superintendent, E-in-C Office
	1:15pm- 1:45pm	Lunch Break	
4	1:45pm-2:45pm	Administrative Procedures & Drafting – Part I	Pu B. Lalthantluanga Sailo, Deputy Director (Admn.), E-in-C Office
5	2:45pm-3:45pm	Administrative Procedures & Drafting – Part II	
	3:45pm-4:00pm	Short Break	
6	4:00pm-5:00pm	Community & Stakeholder Engagement	Er. Netralal Jaisi, E.E, Lawngtlai WATSAN Division

Day 5: 9th August,2024			
Session No	Time	Topic	Resource Person
1	10:00am-11:00 am	Water Supply Systems : Part I (Gravity)	Er. Lalzuimawii, E.E, Aizawl Water Distribution Division 'South'
2	11:00am-12:00pm	Water Supply Systems : Part II (Pumping)	Er. C. Zothantluanga E.E, Aizawl Water Transmission Division
	12:00pm-12:15pm	Tea Break	
3	12:15pm-1:15pm	Regulation of Ground Water	Pu Lalruatkima, Hydrogeologist Ground Water Resources Assessment Cell
	1:15pm- 1:45pm	Lunch Break	
4	1:45pm-5:00pm	Site Visit to Sewage & Treatment Plant	Er. K. Vanlalremruata, Executive Engineer, SIPMIU

WEEK 2			
Day 6 : 12th August, 2024			
Session No	Time	Topic	Resource Person
1	10:00am-12:00pm	Sewerage Systems: Part I	Er. Helen Rodingliani, Sr.E.E, Sewerage & Drainage Aizawl East Division
2		Sewerage Systems Part: II	
	12:00pm-12:15pm	Tea Break	
3	12:15pm-1:15pm	Drainage Systems : Part 1	Er. Liantluanga Chohte, EE, Khawzawl WATSAN Division
	1:15pm-1:45pm	Lunch Break	
4	1:45pm-2:45pm	Drainage Systems : Part 2	
5	2:45pm-5:00pm	Site Visit to Water Treatment Plant at Setlak	Er. Hmingthanhawla, Assistant Engineer, SIPMIU

Day 7 : 13 th August, 2024			
Session No	Time	Topic	Resource Person
1	10:00am-12:00pm	Mechanical Engineering Essentials: Part I	Er. Ropuia Hmar, Sr. E.E, Rural WATSAN Division, Lunglei
2		Mechanical Engineering Essentials: Part II	
	12:00pm-12:15pm	Tea Break	
3	12:15pm-1:15pm	Water Treatment	Er. Z.R Thasangzuala, Executive Engineer, C.E, Zone-I Office
	1:15pm- 1:45pm	Lunch Break	
4	1:45pm-3:45pm	Electrical Engineering Essentials : Part II	Er. H. Lalsiamliana, Joint Secretary, PHED
5		Electrical Engineering Essentials : Part I	
	3:45pm-4:00pm	Short Break	
6	4:00pm-5:00pm	Waste Water Treatment	Er. Isaac Lalchhuanmawia E.E, Serchhip WATSAN Division

Day 8: 14 th August,2024			
Session No	Time	Topic	Resource Person
1	10:00am-12:00pm	Equipment in Water & Waste Management Treatment Plants : Part 1	Er.Lalrosangi, E.E, Kolasib WATSAN Division
2		Equipment in Water & Waste Management Treatment Plants : Part 2	
	12:00pm-12:15pm	Tea Break	
3	12:15pm-1:15pm	Climate Change Adoption	Er.Lalchawimawia Under Secretary (T), PHED
	1:15pm- 1:45pm	Lunch Break	
4	1:45pm-5:00pm	Site Visit to Solid Waste Management Center, Tuirial	Er. Lalhmuaka, Assistant Engineer, SIPMIU

Day 9 : 16 th August,2024			
Session No	Time	Topic	Resource Person
1	10:00am-12:00pm	Applications of IoT/IT in Water & Sanitation	Er. Lalthantluanga Kiangte, System Analyst, E-in-C Office
	12:00pm-12:15pm	Tea Break	
2	12:15pm-1:15pm	Sustainability of Water Source and Green Engineering Practices	Er. Helen Saibuangi, E.E, Mamit WATSAN Division
	1:15pm-1:45pm	Lunch Break	
3	1:45pm-5:00pm	Site Visit to Treatment Plant GAWSS Phase 1&2	Er. Lalpektluanga, SDO, Aizawl Water Transmission Division

Day 10 : 19 th August,2024			
Session No	Time	Topic	Resource Person
1	10:00am-11:00am	Solar Pumping Scheme	Er. Samuel L.R Ralte, Executive Engineer (Urban), E-in-C Office
2	11:00am-2:30pm	Site visit to Plastic Waste Manangement Center, Aibawk	Er. H. Lallianmawia,E.E, Rural WATSAN Division, Aizawl
3	2:30pm-3:30pm	Feedback Sessions	Er. R. Ramdinthara, Assistant Engineer, E-in-C Office
4	3:30pm-4:30pm	Closing Remarks	Er. Ngentluanga, Chief Engineer (Hqrs. & WR), E-in-C Office
5	4:30pm-5:00pm	Distribution of Certificates	Er. Lalrothanga, Engineer-in-Chief, PHED