

Agenda for Training workshop (12th Feb-3rd Mar, 07)

Time	Activity	Responsibility	Location
12th Feb, 07 (Monday)			
9.30-10.30 am	Lecture by Dr Alok Adholeya	Dr Alok Adholeya	4 th Floor Conference Room
10.30-11.30 am	Lecture by Dr Reena Singh: Introduction to training workshop	Reena	4 th Floor Conference Room
10.40 am	Tea		4 th Floor Conference Room (During the lecture)
11.30-1.30 pm	AM spore isolation through centrifugation	Anshul	6 th Floor Molecular lab, CMR
1.30-2.00 pm	Lunch		
2.00 pm	Departure from IHC		
2.45 pm	Arrival at GP		Gual Pahiri
2.45-3.00 pm	MTP activity		MTP
3.00-3.15 pm	Mycorrhiza production facility	Reena	MTP
3.15-5.15 pm	Spore counting and slide preparation	Reena	
5.15 pm	Departure from GP		
13th Feb, 07 (Tuesday)			
9.15 am	Departure from IHC	Reena Veeranna, Mahendran	
10.00 am	Arrival at GP		
10.00-10.30 am	Lecture on spore viability & root clearing	Reena	Retreat, GP
10.30-1.00 pm	Spore isolation for viability testing	Reena	Mycorrhiza Lab, GP
1.00-1.30 pm	Lunch		Retreat
1.30-5.30 pm	Incubation of spores for testing the spore viability	Reena Veeranna	Mycorrhiza Lab, GP
3.30-3.45 pm	Tea		Mycorrhiza Lab, GP
5.30 pm	Departure from GP		
14th Feb, 07 (Wednesday)			
9.15 am	Departure from IHC	Reena Veeranna, Mahendran	
10.00 am	Arrival at GP		
10.00-1.00 pm	Staining of roots for % root colonization	Reena Veeranna	Mycorrhiza Lab, GP

1.00-1.30 pm	Lunch		Retreat
1.30-5.30	Staining of hyphae for enzyme activity staining	Reena Veeranna	Mycorrhiza Lab, GP
3.30-3.45 pm	Tea		Mycorrhiza Lab, GP
5.30 pm	Departure from GP		
15th Feb, 07 (Thursday)			
9.15 am	Departure from IHC	Reena, Veeranna, Mahendran	
10.00 am	Arrival at GP		
10.00-1.00pm	Estimation of intraradical colonization	Reena Singh Veeranna	Mycorrhiza Lab, GP
1.00-1.30 am	Lunch		Retreat
1.30-5.00	Scoring for enzyme activity staining	Reena	Mycorrhizal Lab, IHC
3.30-3.45 pm	Tea		Mycorrhiza Lab, GP
5.00 pm	Departure from GP		
16th Feb, 07 (Friday)			
9.15 am	Departure from IHC	Reena, Veeranna, Mahendran	
10.00 am	Arrival at GP		
10.00-1.00 pm	Lecture on ectomycorrhiza	Dr Krishna Sundari	Mycorrhizal Lab, IHC
1.00-1.30 pm	Lunch		Retreat
1.30-5.00pm	Ectomycorrhiza inoculum production	Dr Krishna Sundari	
3.30-3.45 pm	Tea		Mycorrhiza Lab, GP
5.00 pm	Departure from GP		
17th Feb, 07 (Saturday)			
9.15 am	Departure from IHC	Reena, Veeranna,	
10.00 am	Arrival at GP		
10.00-1.00 pm		Dr Krishna Sundari	Mycorrhizal Lab, IHC
1.00-1.30 pm	Lunch		Retreat
1.30-5.00	Sampling for mycorrhizal analysis, set-up of trap cultures, monosporal cultures, IP	Reena	Mycorrhizal Lab, IHC
5.00 pm	Departure from GP		
19th Feb, 07 (Monday)			
9.30-11.30	Lecture by Prof. Manoharachary		4 th Floor Conference Room

11.30-1.00 pm	Image analysis	Reena	
1.00-1.30 pm	Lunch		
1.30-3.00 pm	Lecture on biochemical characterization	Shanuja	4 th Floor
3.00-4.00 pm	Lecture on functional genomics	Dr Anandita Singh	
4.00-4.15 pm	Tea		Mycorrhiza Lab, GP
4.15-5.15	Visit to library for RIZA database	Mr T P Sankar	
20th Feb, 07 (Tuesday)			
9.30-10.30 am	Lecture	Prof. K. G. Mukerji	4 th Floor
10.30-11.30 am	Lecture on IPR	Dr Neeti Wilson	4 th Floor
11.30 –12.30pm	Lecture on transformation	Prasun	4 th Floor
12.30	Departure from IHC		
1.15 pm	Arrival at GP		
1.15-2.00	Lunch		Retreat, GP
2.00-5.30pm	Winding up of first week's work	Reena	
5.30 pm	Departure from GP		
21st Feb, 07 (Wednesday):			
9.30-5.30	Field Trip to Palwal	Reena, Harminder, Veeranna	
22nd Feb, 07 (Thursday)			
9.15 am	Departure from IHC	Reena, Veeranna, Mahendran	
10.00 am	Arrival at GP		
10.00-1.00 pm	Root length estimation	Reena,	Mycorrhiza Lab, GP
1.00-2.00	Lunch		Retreat
2.00-5.00	Root clearing for IP estimation		Mycorrhiza Lab, GP
3.30-3.45 pm	Tea		Mycorrhiza Lab, GP
5.00 pm	Departure from GP		
23rd Feb, 07 (Friday)			
9.30-10.30 am	Lecture	Prof. Bagyaraj	4 th Floor, IHC
10.30 am	Departure from IHC	Reena, Veeranna, Mahendran	
11.15 am	Arrival at GP		
11.15-1.00pm	Recording of primary	Reena	

	entry points		
11.00-1.00pm	Lunch		Retreat
2.00-5.00pm	Calculation for IP	Reena	Mycorrhiza Lab, GP
3.30-3.45 pm	Tea		Mycorrhiza Lab, GP
5.00 pm	Departure from GP		
24rd Feb, 07 (Saturday)			
9.30-10.30 am	Lecture on molecular characterization	Prasun	4 th Floor
10.30-1.00pm	Isolation of total genomic DNA using CTAB method	Prasun, Sanjeev	Mycorrhiza lab, IHC
1.00-2.00pm	Lunch		
2.00-4.00 pm	DNA isolation (contd)	Prasun, Sanjeev	Mycorrhiza lab, IHC
4.00-5.00 pm	DNA precipitation and solubilization	Prasun, Sanjeev	Mycorrhiza lab, IHC
26th Feb, 07 (Monday)			
9.30-10.30 am	Lecture on electrophoresis	Prasun	4 th Floor
10.30-11.00 am	Preparation of dilutions of genomic DNA	Prasun, Sanjeev	Mycorrhiza lab, IHC
11.00-1.00pm	Quantitative and qualitative analysis of genomic DNA by agarose gel electrophoresis	Prasun, Sanjeev	Mycorrhiza lab, IHC
1.00-2.00 pm	Lunch		
2.00-5.00 pm	Setting up of restriction digestion of DNA	Prasun, Sanjeev	Mycorrhiza lab, IHC
27th Feb, 07 (Tuesday)			
9.30-10.30 am	Lecture on PCR	Prasun	4 th Floor
10.30-11.00 am	Agarose gel electrophoresis of digested DNA	Prasun, Sanjeev	Mycorrhiza lab, IHC
11.00-1.00pm	Quantitative and qualitative analysis of genomic DNA by agarose gel electrophoresis	Prasun, Sanjeev	Mycorrhiza lab, IHC
1.00-2.00 pm	Lunch		
2.00-5.00 pm	Setting up of PCR reaction	Prasun, Sanjeev	Mycorrhiza lab, IHC
28th Feb, 07 (Wednesday)			
9.30-10.30am	Lecture on cloning protocols	Prasun	4 th Floor
10.30-12.00am	Agarose gel electrophoresis of	Prasun, Sanjeev	Mycorrhiza lab, IHC

	digested DNA		
12.00-1.00pm	DNA ligations	Prasun, Sanjeev	Mycorrhiza lab, IHC
1.00-2.00pm	Lunch		
2.00-4.30pm	Media preparation (selective and non-selective, liquid and agar supported)	Prasun, Sanjeev	Mycorrhiza lab, IHC
4.30-5.30pm	Plating of transformed cells on plates	Prasun, Sanjeev	Mycorrhiza lab, IHC
March 1, 2007 (Thursday)			
9.30-11.00am	Setting up of colony PCR for detection of inserts	Prasun, Sanjeev	Mycorrhiza lab, IHC
10.00-1.00am	Preparation of agarose gels	Prasun, Sanjeev	Mycorrhiza lab, IHC
1.00-2.00pm	Lunch		
2.00-5.00pm	Agarose gel electrophoresis of PCR products	Prasun, Sanjeev	Mycorrhiza lab, IHC
5.00-5.30pm	Inoculation of transformed colonies for plasmid miniprep	Prasun, Sanjeev	Mycorrhiza lab, IHC
March 2, 2007 (Friday)			
9.30-10.00am	Technical Instructions for plasmid DNA isolation	Prasun, Sanjeev	Mycorrhiza lab, IHC
10.00-1.00am	Plasmid miniprep by alkaline lysis method and column purification	Prasun, Sanjeev	Mycorrhiza lab, IHC
1.00-2.00pm	Lunch		
2.00-5.30pm	Preparation of Agarose gel and analysis	Prasun, Sanjeev	Mycorrhiza lab, IHC
March 3, 2007 (Saturday)			
9.30-10.30	Valedictory address	Dr Suman Govil	4 th Floor
10.30-11.00	Certificate Distribution	Dr Suman Govil	