

A report On SMTQ Forum-NRF Training Program, NRF Birgunj

- Name of Training:** Training on Advanced Instrumental Analysis (GCMS, HPLC, AAS)
- Training Objectives:** Hands on training on advanced instrumental analysis in scope of food and pharmaceuticals.
Observation of Lab management and setting
- Date of training conducted:** 4-6 Dec, 2011
- Scope of training:** Theoretical and practical knowledge on operation of GC-MS, HPLC, AAS.
- Training venue:** Nepal Research Foundation , Om Ashram, Birgunj, Nepal.
- Training Organizer:** SMTQ Forum, Nepal with support of NRF and Matrix College, Birgunj
- Financial supporter:** PTB Germany
- Training co-coordinator:** Krishna Prasad Rai, DFTQC, Kathmandu, SMTQ Forum, Nepal

Trainers:

S.N.	Name	Training expert scope
1	Mr. Rakesh Jha, Manager	Theoretical classes in GC-MS, HPLC, AAS & trouble shooting
2	Mr. Santosh Patel, Officer	HPLC, CG-MS
3	Jeetendra Tiwari, Officer	AAS

Participants in Training:

S.N.	Name	Organization	Training Scope
1	Mr. Hareram Pradhan	DFTQC, KTM	GC-MS, HPLC, AAS
2	Dr. Mukul Upadhyaya	VSDAO, KTM	“ “
3	Ms. Ranila Rana	SEAM-N, Biratnagar	“ “
4	Mr. Kriti Subedi	SEAM-N, Biratnagar	“ “
5	Dr. Dilli P. Paudyal	WETC, Kathmandu	“ “
6	Ms Kanchan Karki	ENPHO, Kathmandu	“ “
7	Ms Ushana Shrestha Khwakhali	WAS, Kathmandu	“ “
8	Ms. Padmaja Shrestha	ENPHO, Kathmandu	“ “
9	Mr. Roman Karki	FRU, NARC, KTM	“ “
10	S.N. Narayan Singh	Matrix College, Birgunj	“ “

Training Schedule Details:

Day 1: Sunday, 4th December, 2011			
10:00-10:30	Registration Welcome and Introduction to training	Welcome speech by Mahendra Bahadur Amatya, MD, NRF, Birgunj and Message of President, SMTQ was delivered by Krishna P. Rai, Training coordinator, SMTQ Forum	
10:30- 12:30	Atomic Absorption Spectrophotometer (AAS)	Presentation: Mr. Rakesh Jha	
12:30- 13:30	Lunch Break		
13:30- 15:30	High Performance Liquid Chromatography (HPLC)	Presentation: Mr. Rakesh Jha	
		Group A	Group B
		AAS (Practical Introduction) Mr. Jitendra Tiwari	HPLC (Practical Introduction) Mr. Santosh Patel
Day 2: Monday, 5th December, 2011			
10:00-12:30		Group B	Group A
		AAS (Practical Introduction) Mr. Jitendra Tiwari	HPLC (Practical Introduction) Mr. Santosh Patel
12:30- 13:30	Lunch Break		
13:30-17:30		Group A	Group B
		HPLC (Practical Introduction) Mr. Santosh Patel	AAS (Practical Introduction) Mr. Jitendra Tiwari
17:30- 18:00	GC-MS Start up	Mr. Santosh Patel	
Day 3: Tuesday, 6th December, 2011			
10:00- 12:00	GC-MS Introductory class	Presentation: Mr. Rakesh Jha	
12:00-12:30	GC-MS Practical introduction	Mr. Rakesh Jha	
12:30- 13:30	Lunch Break		
13:30-15:30		Group A	Group B
		GC-MS: Practical and Lab exercise Mr. Santosh Patel	Technical discussion (Trouble shooting) Mr. Rakesh Jha
		Group A	Group B
		Technical discussion (Trouble shooting) Mr. Rakesh Jha	GC-MS: Practical and Lab exercise Mr. Santosh Patel
15:30- 17:30	NRF visit		

Closing Session:

18:00-18:15	Closing speech by CEO of Matrix College, Birgunj Remarkable speech by participants: Dr. Mukul Upadhyaya & Padmaja Shrestha
18:15-18:30	Distribution of Certificates to participants
18:30-18:45	Vote of Thanks by Krishna Pd. Rai, SMTQ Forum Nepal Closing speech by Mahendra Bd. Amatya, MD, NRF, Birgunj
18:45-19:00	Jointly press released and conference with different presses
19:00-20:00	Dinner in Hotel

Note: The closing session was held in Hotel Bisuwa, organized by NRF, SMTQ Forum Nepal

Other Activities:

1. Meeting with Mahendra Bd. Amatya, MD, NRF
2. Feedback collection by trainees (Appendix-A)
3. Group photo session (Appendix-B)
4. Interview of program coordinator about the program for Narayani FM

Appendix-A

SMTQ Forum-NRF Training Program Training on Advanced Instrumental Analysis (GC-MS, HPLC, AAS) 4-6 Dec, 2011 Feedback Form

Name: _____ **Designation:** _____

Organization: _____ **Address:** _____

E-mail: _____ **Phone:** _____

Please give a tick mark (✓) on your appropriate feedback point.

1. The theme selection for training
 - a. Highly appropriate
 - b. appropriate
 - c. inappropriate
2. Venue selection for training
 - a. Highly appropriate
 - b. Appropriate
 - c. inappropriate
3. Trainers skill and clarity on theoretical and practical classes of instrumental analysis
 - a. Highly satisfactory
 - b. Satisfactory
 - c. Need to improve
4. Lab facility in NRF for your requirements
 - a. Highly fulfilled
 - b. Fulfilled
 - c. Need to improve
5. Time duration of training
 - a. Long
 - b. Appropriate
 - c. Short
 - d. Very short
6. Lunch and other facilitation arrangement by SMTQ with coordination of NRF
 - a. Very good
 - b. Good
 - c. Satisfactory
 - d. Need to improve
7. Did this training fulfill the requirement of you and your organization?
 - a. Yes
 - b. Partly
 - c. No
8. Please give your creative comments and suggestion for the future improvement of such program of SMTQ and NRF:

Appendix-B Glimpse of Training Sessions



Mahendra Bd. Shrestha, MD, NRF during Inauguration of training



Krishna P. Rai, Program coordinator during inauguration of training



Mr. Rakesh Jha, Taking class



Participants in class



A participant preparing sample in Lab



Participants in HPLC Operation



Training on AAS operation



Training on GC-MS operation



Group photograph of training in NRF



Trainees in Lab



Closing speech of CEO, Matrix College



Certificate distribution ceremony

The End