

Training on GNSS, Course T151-40, 6 – 10 JAN 2020, GIC/AIT			
Course Duration	6-JAN-2020 (Day 1), Monday		
	Course : T151-30		
Minutes.	Time	Course Description	Resource Persons
0	08:00 – 08:30	Registration	GIC Staffs
0	08:30 – 09:00		
30	09:00 – 09:30	Opening Ceremony	Welcome Speech by AIT President
30	09:30 – 10:00	General Information Course Introduction Team Formation	Dinesh GIC Staffs
60	10:00 – 11:00	Introduction to Navigation Satellite Systems and GPS	Ben Ashman NASA/GSFC
60	11:00 – 12:00	ICG Presentation GIC Presentation	Sharafat Manzul
30	12:00 – 12:30	Discussions and Q/A Group Photo	All Resource Persons
0	12:30 – 13:30	Lunch	
60	13:30 – 14:30	Introduction to GNSS (Glonass, Galileo, Beidou, QZSS)	Dinesh
60	14:30 – 15:30	GNSS Signals and Signal Processing	Dinesh
0	15:30 – 16:00	Break	
60	16:00 – 17:00	GNSS Applications	Dinesh (Some part is covered by Ben)
60	17:00 – 18:00	Installation of Software Sample Data	All Participants Bring your computer if possible
Course T-151 and T-131 will be combined together			
Daily Course Duration, hours			
Day 1	7.5		

List of Resource Persons

Sharafat Gadimova, UNOOSA/ICG

Austria

Dinesh Manandhar, The University of Tokyo

Japan

Nobuaki Kubo, Tokyo University of Marine Science and Technology

Japan

GIC/AIT resource persons and staffs

Thailand

Ashman Benjamin, NASA GSFC

USA (Online)

SEE Page 2 for additional names of the resource persons

SEE Page 3 for the list of Sponsors SEE Page 4 for additional notes

Training on GNSS, Course T151-40, 6 – 10 JAN 2020, GIG/AIT			
Course Duration	7-JAN-2020 (Day 2), Tuesday		
	Course : T151-30		
	Time	Course Description	Resource Persons
0	08:00 – 08:30	Registration	
0	08:30 – 09:00		
30	09:00 – 09:30	Sponsor's Presentation	
60	09:30 – 10:30	GNSS Data Formats Accuracy, Errors, Coordinate Systems	DINESH
0	10:30 – 11:00	Break	
60	11:00 – 12:00	GNSS Survey Methods for High-Accuracy	DINESH / YIZE
30	12:00 – 12:30	GNSS Data Logging and Processing in Smart-Phones	Avinab
0	12:30 – 13:30	Lunch	
60	13:30 – 14:30	GNSS Field Survey	All participants in Team
60	14:30 – 15:30		
0	15:30 – 16:00	Break	
60	16:00 – 17:00	GNSS Data Processing with Sample Data	Dinesh / YIZE / KOBAYASHI / AVINAB
30	17:00 – 17:30		
Course T-151 and T-131 will be combined together			
Daily Course Duration, hours			
Day 2	6.5		

List of Resource Persons

Dr. Yize, Post-Doc Researcher, Tokyo University of Marine Science and
Mr. Kobayashi, Researcher, Tokyo University of Marine Science and Tech
Avinab Malla, SSAGE

Japan
Japan
Nepal

Training on GNSS, Course T151-40, 6 – 10 JAN 2020, GIG/AIT			
Course Duration	8-JAN-2020 (Day 3), Wednesday		
	Course : T151-30		
	Time	Course Description	Resource Persons
0	08:00 – 08:30		
0	08:30 – 09:00		
30	09:00 – 09:30	Sponsor's Presentation	Septentrio Mr. Koen
60	09:30 – 10:30	Introduction to RTKLIB	Kubo
0	10:30 – 11:00	Break	
60	11:00 – 12:00	Introduction to RTK	Kubo
30	12:00 – 12:30	MADOCA / CLAS	Kubo
0	12:30 – 13:30	Lunch	
60	13:30 – 14:30	GNSS Data Processing with Sample Data by the participants	All Participants Individual Work All Resource Persons
60	14:30 – 15:30		
0	15:30 – 16:00	Break	
60	16:00 – 17:00	GNSS Data Processing with Sample Data by the participants	All Participants Individual Work All Resource Persons
60	17:00 – 18:00	GNSS Data Processing	All Participants Individual Work All Resource Persons
	18:30 – 21:00	Networking Dinner at AIT Centre	Attend by All
Daily Course Duration, hours			
Day 3	7		

Sponsors

Septentrio

Gold Sponsor

Training on GNSS, Course T151-40, 6 – 10 JAN 2020, GIC/AIT			
Course Duration	9-JAN-2020 (Day 4), Thursday		
	Course : T151-30		
	Time	Course Description	Resource Persons
0	08:00 – 08:30	Registration for T-131 Extended Course Participants	
0	08:30 – 09:00		
30	09:00 – 09:30	Sponsor's Presentation	
60	09:30 – 10:30	GNSS Field Survey	All Participants in Team, All Resource Persons
0	10:30 – 11:00	Break	
60	11:00 – 12:00	GNSS Data Processing	All Participants in Team, All Resource Persons
30	12:00 – 12:30		
0	12:30 – 13:30	Lunch	
60	13:30 – 14:30	GNSS Data Processing	All Participants in Team, All Resource Persons
60	14:30 – 15:30		
0	15:30 – 16:00	Break	
60	16:00 – 17:00	Discussion on GNSS Data Processing Outputs	All Resource Persons
30	17:00 – 17:30	Report Preparation Report Format Word and PPT Versions	Dinesh
Daily Course Duration, hours			
Day 4	6.5		

Note:

There will be 20 teams each with 4 – 5 members for Field Survey

Each team is requested to present their reports on Day 5

Each trainee is required to submit course evaluation form for each course every day

All trainees must attend all lectures and field survey for successful completion of the course and to get certificate

All funded participants must sign the register every day at the reception counter

Training on GNSS, Course T151-40, 6 – 10 JAN 2020, GIG/AIT			
Course Duration	10-JAN-2020 (Day 5), Friday		
	Course : T151-30		
Minutes.	Time	Course Description	Resource Persons
0	08:00 – 08:30		
0	08:30 – 09:00		
30	09:00 – 09:30	GNSS Data Processing	All Participants in Team, All Resource Persons
60	09:30 – 10:30		
0	10:30 – 11:00	Break	
60	11:00 – 12:00	Report Preparation	Each Team of the Partipants
30	12:00 – 12:30		
0	12:30 – 13:30	Lunch	
60	13:30 – 14:30	Presentation by Each Team	Each Team of the Partipants
60	14:30 – 15:30		
0	15:30 – 16:00	Break	
60	16:00 – 17:00	Program Review Course Evaluation Certification Distribution Closing Ceremony	All Resource Persons, Participants and Guests
30	17:00 – 17:30	Group Pictures Data Sharing etc	All Resource Persons, Participants
Daily Course Duration, hours			
Day 5	6.5		

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