

Training on GNSS, Course T151-30, 14 – 18 JAN 2019, GIC/AIT			
Course Duration	14-JAN-2019 (Day 1), Monday		
	Course : T151-30 (GNSS Training)		
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	Invited Guests All Resource Persons
60	09:30 – 10:30	Presentation on ICG GIC Presentation Course Introduction	Shafa Manzul Dinesh
0	10:30 – 11:00	Group Photo, Break	GIC Staffs
60	11:00 – 11:30	Navigation Satellite Concept & History	Ashman Dinesh
30	11:30 – 12:30	GPS Introduction	Ashman Dinesh
0	12:30 – 13:30	Lunch	
60	13:30 – 14:30	GALILEO INtroduction	Andreas
60	14:30 – 15:30	Other GNSS Introduction (BDS, QZSS, GLONASS, IRNSS)	Dinesh
0	15:30 – 16:00	Break	
60	16:00 – 17:00	GPS Applications	Ashman Dinesh
30	17:00 – 17:30	SBAS / EGNOS Introduction	Gabriella
Some lectures of Course T-151 and T-131 will be combined together			
Daily Course Duration, hours			
Day 1	6.5		

List of Resource Persons

Sharafat Gadimova, UNOOSA/ICG

Martin Sunkevic, GNSS Space Agency (GSA)

Andreas Schutz, Universitat der Bundeswehr Munchen

Gabriella Povero, Int. Cooperation on GNSS, Instituto Superiore Mario B

Ashman Benjamin, NASA GSFC

Austria

Czech Republic

Germany

Italy

USA

SEE Page 2 and 3 for additional names of the resource persons

Training on GNSS, Course T151-30, 14 – 18 JAN 2019, GIC/AIT			
Course Duration	15-JAN-2019 (Day 2), Tuesday		
	Course : T151-30 (GNSS Training)		
	Time	Course Description	Resource Persons
0	08:00 – 08:30		
30	08:30 – 09:00	ICG Activities for Capacity Development	Sharafat
30	09:00 – 09:30	QZSS Applications	Dinesh
60	09:30 – 10:30	GPS Signal Structure	Ashman
0	10:30 – 11:00	Break	
60	11:00 – 12:00	GALILEO Signal Structure	Gabriella
30	12:00 – 12:30	Other GNSS Signal Structure	Dinesh
0	12:30 – 13:30	Lunch	
60	13:30 – 14:30	GALILEO Applications	Andreas
60	14:30 – 15:30	GNSS Downstream Markets	Martin (Online Lecture, GSA, Czech Republic)
0	15:30 – 16:00	Break	
60	16:00 – 17:00	How to Log GNSS Data? GNSS Field Survey	Dinesh, Ashman, Gabriella, Andreas, GIC
30	17:00 – 17:30	Looking at GNSS Data Data Formats etc	Dinesh
Some lectures of Course T-151 and T-131 will be combined together			
Daily Course Duration, hours			
Day 2	7		

List of Resource Persons

Dinesh Manandhar, The University of Tokyo

Japan

Shunji Murai, Professor Emeritus, The University of Tokyo

Japan

Nobuaki Kubo, Tokyo University of Marine Science and Technology

Japan

So Takahashi, Tokyo University of Marine Science and Technology

Japan

Yize Zhang, Tokyo University of Marine Science and Technology

Japan

Avinab Malla

Nepal

Training on GNSS, Course T151-30, 14 – 18 JAN 2019, GIC/AIT			
Course Duration	16-JAN-2019 (Day 3), Wednesday		
	Course : T151-30 (GNSS Training)		
	Time	Course Description	Resource Persons
0	08:00 – 08:30		
30	08:30 – 09:00	Sponsor's Presentation	Septentrio
30	09:00 – 09:30	GNSS Reciver Introduction	Gabriella
60	09:30 – 10:30	GNSS Survey Methods SPS, DGPS, RTK and PPP	Dinesh
0	10:30 – 11:00	Break	
60	11:00 – 12:00	Introduction to RTKLIB	Kubo
30	12:00 – 12:30	Android APP for GNSS Data Logging	Avinab
0	12:30 – 13:30	Lunch	
60	13:30 – 14:30	GNSS Data Processing with Sample Data	Kubo
60	14:30 – 15:30		
0	15:30 – 16:00	Break	
60	16:00 – 17:00	GNSS Data Processing	Kubo
60	17:00 – 18:00	Attend T-131 Group's Presentation	All T-151 Participants and Resource Persons
	18:30 – 21:00	Networking Dinner at AIT Cente	All
Daily Course Duration, hours			
Day 3	7.5		

List of Resource Persons from GIC/AIT, Thailand

Manzul Hazarika	Thailand
Kavinda Gunasekara	Thailand
Rishi Raj Dutta	Thailand
Sasanka Madawalagama	Thailand
Ashok Dahal	Thailand
Sudchai Naikaset	Thailand
Sinath Nop	Thailand

Training on GNSS, Course T151-30, 14 – 18 JAN 2019, GIC/AIT			
Course Duration	17-JAN-2019 (Day 4), Thursday		
	Course : T151-30 (GNSS Training)		
	Time	Course Description	Resource Persons
0	08:00 – 08:30		
30	08:30 – 09:00	Sponsor's Presentation	
30	09:00 – 09:30	GNSS Field Survey	Kubo, Gabriella, Avinab, GIC
60	09:30 – 10:30	GNSS Data Processing	Kubo, Gabriella, Avinab, GIC
0	10:30 – 11:00	Break	
60	11:00 – 12:00	Invited Lecture: Earthquake Monitoring and Forecasting by GNSS	Prof. Shunji Murai
30	12:00 – 12:30		
0	12:30 – 13:30	Lunch	
60	13:30 – 14:30	GNSS Data Processing	Dinesh, Kubo, Gabriella, GIC
60	14:30 – 15:30		
0	15:30 – 16:00	Break	
60	16:00 – 17:00	Discussion on GNSS Data Processing Outputs	Dinesh, Kubo, Gabriella, GIC
30	17:00 – 17:30	Report Preparation Report Format Word and PPT Versions	Dinesh
Daily Course Duration, hours			
Day 4	7		

Sponsors

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MITR PHOL Group

Special Support

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Training on GNSS, Course T151-30, 14 – 18 JAN 2019, GIC/AIT			
Course Duration	18-JAN-2019 (Day 5), Friday		
	Course : T151-30 (GNSS Training)		
Minutes.	Time	Course Description	Resource Persons
0	08:00 – 08:30		
30	08:30 – 09:00	Sponsor's Presentation	
30	09:00 – 09:30	GNSS Data Processing	Dinesh, Kubo, Gabriella, GIC
60	09:30 – 10:30	GNSS Data Processing	Dinesh, Kubo, Gabriella, GIC
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	7		

Note:

There will be 15 teams each with 5 –6 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