

Course T-131 is 3 days course. But, Some participants may also attend the last 2

Training on GNSS, Course T131-18, 14 - 16 JAN 2019, GIC/AIT			
Course Duration	14-JAN-2019 (Day 1), Monday		
	Course: T131-18 (GNSS for Policy and Decision Makers)		
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	Break	
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 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
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 Rfepublic

Germany

Italy

USA

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

days of T151 on 17-18 JAN

Training on GNSS, Course T131-18, 14 - 16 JAN 2019, GIC/AIT			
Course Duration	15-JAN-2019 (Day 2), Tuesday		
	Course: T131-18 (GNSS for Policy and Decision Makers)		
	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	Brief GNSS Signal Introduction	Gabriella
60	09:30 - 10:30	GNSS Receiver Introduction (How does a GNSS Receiver Work?)	Gabriella
0	10:30 - 11:00	Break	
60	11:00 - 12:00	GALILEO Applications	Gabriella
30	12:00 - 12:30	GNSS Markets	Gabriella
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
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 T131-18, 14 – 16 JAN 2019, GIC/AIT			
Course Duration	16-JAN-2019 (Day 3), Wednesday		
	Course: T131-18 (GNSS for Policy and Decision Makers)		
	Time	Course Description	Resource Persons
0	08:00 – 08:30		
30	08:30 – 09:00	Sponsor's Presentation	Septentrio
30	09:00 – 09:30	How to Read GNSS Receiver Technical Specifications?	Dinesh
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	Errors, Datums, Coordinate Systems	Gabriella
30	12:00 – 12:30	Useful Software, Tools, Global Base-Station Data etc	Gabriella, Dinesh, Avinab
0	12:30 – 13:30	Lunch	
60	13:30 – 14:30	Micro-Project to Establish GNSS Technology	Dinesh, Gabriella, Ashman
60	14:30 – 15:30		
0	15:30 – 16:00	Break	
60	16:00 – 17:00	Micro-Project to Establish GNSS Technology & Report Preparation	Dinesh, Gabriella, Ashman
60	17:00 – 18:00	Each Team Presents the Report (Joined by T-151 Participants)	All Resource Persons
	18:30 – 21:00	Networking Dinner at AIT Center	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 T131-18, 14 – 16 JAN 2019, GIC/AIT (Extension)			
Course Duration	17-JAN-2019 (Day 4), Thursday		
	Course: T131-18 (GNSS for Policy and Decision Makers)		
	Time	Course Description	Resource Persons
0	08:00 – 08:30		
30	08:30 – 09:00	Sponsor's Presentation	
30	09:00 – 09:30	Introduction to RTKLIB Android APPS to Log GNSS Data Sample Data Log in the Field	Dinesh GIC
60	09:30 – 10:30		
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	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	7		

Sponsors

u-blox

Septentrio

MITR PHOL Group

Special Support

UNESCAP

Training on GNSS, Course T131-18, 14 – 16 JAN 2019, GIC/AIT (Extension)			
Course Duration	18-JAN-2019 (Day 5), Friday		
	Course: T131-18 (GNSS for Policy and Decision Makers)		
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	All Resource Persons
60	09:30 – 10:30	GNSS Data Processing	All Resource Persons
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
30	17:00 – 17:30	Group Pictures Data Sharing etc	All Resource Persons
Daily Course Duration, hours			
Day 5	7		

Note:

There will be 4- 5 teams each with 4 – 5 members

Each team is requested to present their reports on Day 3

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