

Day - 1		
3-JAN-2023, Tuesday, 03:15 - 10:15 UTC		
Time (UTC)	Course Description	Resource Persons
03:15 - 04:15	Registration / Attendance (On-site)	CSSGS / WRC
04:15 - 05:15	Welcome Remarks UTokyo/CSIS ICG CSSGS/WRC	
05:15 - 06:00	GNSS Introduction - 1	UT: Dinesh
06:00 - 06:45	GNSS Introduction - 2	UT: Dinesh
06:45 - 07:45	Lunch Break	
07:45 - 08:15	GNSS Introduction - 3	UT: Dinesh
08:15 - 09:00	Software Installation and Setup Check Sample Data Sets (RTKLIB, U-Center, RX Tools)	UT: Dinesh / Avinab
09:00 - 09:15	Break	
10:15 - 11:00	Accessing GNSS Data over NTRIP GNSS Data From Smartphone	UT: Dinesh

UNOOSA
ICG

United Nations Office for Outer Space Agency
International Committee on GNSS

Invited Key Note Speaker

Prof, Nobuaki Kubo

TUMSAT, Japan

Day - 2		
4-JAN-2023, Wednesday, 04:15 - 10:15 UTC		
Time (UTC)	Course Description	Resource Persons
04:00 - 04:15	Registration / Attendance (On-site)	CSSGS / WRC
04:15 - 05:15	Introduction to QZSS Correction Services	TUMSAT: Kubo
05:15 - 06:15	RTK Data processing: How to get cm level accuracy?	TUMSAT: Kaito
06:15 - 07:15	Lunch Break	
07:15 - 08:15	RTK Data processing: How to get cm level accuracy? (RTKLIB)	TUMSAT: Kubo, Kaito, UT: Dinesh, Avinab
08:15 - 09:00	RTK Data processing: How to get cm level accuracy? (RTKLIB)	TUMSAT: Kubo, Kaito UT: Dinesh, Avinab
09:00 - 09:15	Break	
09:15 - 10:15	MADOCA Introduction MADOCA Data Processing (MAD-WIN, MAD-PI, MADROID)	UT: Dinesh / Avinab

UT
UTokyo
CSIS
Resource Persons

The University of Tokyo
The University of Tokyo
Center for Spatial Information Science

Dinesh Manandhar
Yuki Yamazaki
Sharafat Gadimova

UT, Japan
UT, Japan
ICG, Austria

Day - 3		
5-JAN-2023, Thursday, 04:15 - 10:15 UTC		
Time (UTC)	Course Description	Resource Persons
04:00 - 04:15	Registration / Attendance (On-site)	CSSGS / WRC
04:15 - 05:15	Data logging by the participants * Online participants will use pre-logged data	CSSGS/WRC: UT: Dinesh, Avinab TUMSAT: Kaito
05:15 - 06:15	Data processing using RTKLIB by the Participants	UT: Dinesh, Avinab TUMSAT: Kaito CSSGS/WRC:
06:15 - 07:15	Lunch Break	
07:15 - 08:15	Data Processing using RTKLIB by the Participants Compare results for SPP, DGPS, RTK, MADOCA-PPP	UT: Dinesh, Avinab TUMSAT: Kaito
08:15 - 09:00	EWS (Early Warning System) Sony Spresense Introduction	UT: Dinesh, Avinab
09:00 - 09:15	Break	
09:15 - 10:15	Discussions on data processing results	UT: Dinesh, Avinab TUMSAT: Kaito

TUMSAT
GPAS

Tokyo University of Marine Science and Technology
Global Positioning Augmentation Service Company

Resource Persons

Nobuaki Kubo
Kaito Kobayashi

TUMSAT, Japan
TUMSAT, Japan

Day - 4		
6-JAN-2023, Friday, 04:15 - 06:45 UTC		
Time (UTC)	Course Description	Resource Persons
04:00 - 04:15	Registration / Attendance (On-site)	CSSGS / WRC
04:15 - 05:15	Report Preparation (must for on-site participants, Optional for online participants)	UT: Dinesh, Avinab
05:15 - 06:15	Presentation by the on-site participants Presentation by some online participants 5 minute per team	UT: Dinesh, Avinab ICG: Sharafat CSSGS/WRC
06:15 - 06:45	Course Evaluation Closing Ceremony	UT: Dinesh ICG: Sharafat CSSGS/WRC: Krishna

CSSGS Center for Space Science and Geomatics Studies
WRC Western Regional Campus, Tribhuvan University
TU Tribhuvan University

Resource Persons

Krishna Bhandari
 Avinab Malla

CSSGS, Nepal
 Aviyaan, Nepal