

| Day - 1 | | |
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| 11-JAN-2022, 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 ICG Activities UTokyo CSSGS / WRC | ICG: Sharafat Gadimova UT: Dinesh CSSGS: Krishna Invited Guests |
| 05:15 - 06:00 | Introduction of Beidou | Xiaochun LU China |
| 06:00 - 06:45 | Introduction of NavIC | Akhileshwar Reddy India |
| 06:45 - 07:45 | Lunch Break | |
| 07:45 - 08:15 | Software Installation and Setup Check Sample Data Sets (RTKLIB) | UT: Dinesh |
| 08:15 - 09:00 | Basic GNSS Introduction Low-Cost Receiver Systems | UT: Dinesh |
| 09:00 - 09:15 | Break | |
| 10:15 - 11:00 | Introduction of Galileo | Dominic Hayes European Commission |
| 11:00 - 11:45 | Introduction of GPS | Jeff Auerbach USA |

UNOOSA

United Nations Office for Outer Space Agency

ICG

International Committee on GNSS

Please note that all times are in UTC

| Day - 2 | | |
|--|---|--|
| 12-JAN-2022, Wednesday, 04:15 - 10:15 UTC | | |
| Time (UTC) | Course Description | Resource Persons |
| 04:00 - 04:15 | Registration / Attendance (On-site) | CSSGS / WRC |
| 04:15 - 05:00 | Introduction of QZSS | Satoshi Kogure Japan |
| 05:00 - 05:15 | Software Installation and Setup Check Sample Data MADOCA-PPP | UT: Dinesh, Avinab |
| 05:15 - 06:15 | Introduction to RTKLIB Software | TUMSAT: Kubo |
| 06:15 - 07:15 | Lunch Break | |
| 07:15 - 08:15 | RTK Data processing: How to get cm level accuracy? (RTKLIB) | TUMSAT: Kubo, Kaito, Tomohiro, Hiroataka UT: Dinesh, Avinab |
| 08:15 - 09:00 | RTK Data processing: How to get cm level accuracy? (RTKLIB) | TUMSAT: Kubo Kaito, Tomohiro Hiroataka UT: Dinesh Avinab |
| 09:00 - 09:15 | Break | |
| 09:15 - 10:15 | MADOCA Introduction MADOCA Data Processing (MAD-WIN, MAD-PI, MADROID) | GPAS: Kakimoto UT: Dinesh |

UT The University of Tokyo
CSIS Center for Spatial Information Science

| Day - 3 | | |
|---|--|---|
| 13-JAN-2022, 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 | UT: Dinesh, Avinab TUMSAT: Kubo, Kaito, Tomohiro Hirotaka |
| 05:15 - 06:15 | Data processing using RTKLIB by the Participants | UT: Dinesh, Avinab TUMSAT: Kubo, Kaito, Tomohiro Hirotaka |
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| 06:15 - 07:15 | Lunch Break | |
| 07:15 - 08:15 | QZSS EWS (Early Warning System) and EWS Demo | UT: Dinesh, Avinab |
| 08:15 - 09:00 | Data Processing using RTKLIB by the Participants Compare results for SPP, DGPS, RTK, MADOCA-PPP | UT: Dinesh, Avinab TUMSAT: Kubo, Kaito, Tomohiro Hirotaka |
| 09:00 - 09:15 | Break | |
| 09:15 - 10:15 | Discussions on data processing results | UT: Dinesh, Avinab TUMSAT: Kubo, Kaito, Tomohiro Hirotaka |

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

| Day - 4 | | |
|---|--|--|
| 14-JAN-2022, Friday, 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 | GNSS Data from Smart-Phone Smart-phone Data Processing | UT: Dinesh, Avinab |
| 05:15 - 06:15 | Report Preparation (must for on-site and funded participants) | UT: Dinesh, Avinab ICG: Sharafat CSSGS / WRC |
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| 06:15 - 07:15 | Lunch Break | |
| 07:15 - 08:15 | Presentation by the on-site participants in Teams 5 minutes each team | UT ICG: Sharafat CSSGS / WRC |
| 08:15 - 08:45 | Course Evaluation Closing Ceremony | CSSGS / WRC ICG: Sharafat UT: Dinesh, Avinab |
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CSSGS Center for Space Science and Geomatics Studies
 WRC Western Regional Campus, Tribhuvan University
 TU Tribhuvan University

| UTC | Nepal | India | Japan | China | USA | Austria | UTC |
|------------|------------|------------|------------|--------------------|-----------------------|-------------------|------------|
| <u>UTC</u> | <u>NPT</u> | <u>IST</u> | <u>JST</u> | <u>Beijing CST</u> | <u>Washington EST</u> | <u>Vienna CET</u> | <u>UTC</u> |
| 12:00 AM | 5:45 AM | 5:30 AM | 9:00 AM | 8:00 AM | 7:00 PM | 1:00 AM | 12:00 AM |
| 1:00 AM | 6:45 AM | 6:30 AM | 10:00 AM | 9:00 AM | 8:00 PM | 2:00 AM | 1:00 AM |
| 2:00 AM | 7:45 AM | 7:30 AM | 11:00 AM | 10:00 AM | 9:00 PM | 3:00 AM | 2:00 AM |
| 3:00 AM | 8:45 AM | 8:30 AM | 12:00 PM | 11:00 AM | 10:00 PM | 4:00 AM | 3:00 AM |
| 4:00 AM | 9:45 AM | 9:30 AM | 1:00 PM | 12:00 PM | 11:00 PM | 5:00 AM | 4:00 AM |
| 5:00 AM | 10:45 AM | 10:30 AM | 2:00 PM | 1:00 PM | 12:00 AM | 6:00 AM | 5:00 AM |
| 6:00 AM | 11:45 AM | 11:30 AM | 3:00 PM | 2:00 PM | 1:00 AM | 7:00 AM | 6:00 AM |
| 7:00 AM | 12:45 PM | 12:30 PM | 4:00 PM | 3:00 PM | 2:00 AM | 8:00 AM | 7:00 AM |
| 8:00 AM | 1:45 PM | 1:30 PM | 5:00 PM | 4:00 PM | 3:00 AM | 9:00 AM | 8:00 AM |
| 9:00 AM | 2:45 PM | 2:30 PM | 6:00 PM | 5:00 PM | 4:00 AM | 10:00 AM | 9:00 AM |
| 10:00 AM | 3:45 PM | 3:30 PM | 7:00 PM | 6:00 PM | 5:00 AM | 11:00 AM | 10:00 AM |
| 11:00 AM | 4:45 PM | 4:30 PM | 8:00 PM | 7:00 PM | 6:00 AM | 12:00 PM | 11:00 AM |
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| 7:00 PM | 12:45 AM | 12:30 AM | 4:00 AM | 3:00 AM | 2:00 PM | 8:00 PM | 7:00 PM |
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| 9:00 PM | 2:45 AM | 2:30 AM | 6:00 AM | 5:00 AM | 4:00 PM | 10:00 PM | 9:00 PM |
| 10:00 PM | 3:45 AM | 3:30 AM | 7:00 AM | 6:00 AM | 5:00 PM | 11:00 PM | 10:00 PM |
| 11:00 PM | 4:45 AM | 4:30 AM | 8:00 AM | 7:00 AM | 6:00 PM | 12:00 AM | 11:00 PM |

Source: <https://24timezones.com/>