Creating a new coordinate system by Hi-RTK

1. Create a new project, name it with the coordinate system name.

💀 Project 📃 🗖 🔀	💀 Project 📃 🗖 🔀
Project Info 🔤 🔀	Project Info
Space Available:10.6GB	Project Info Coordinate
Datum name:India Store Points:0 Stake Points:0 Control Points:0	Control Points Stake Points Stored Points CrossSection Points
Project List India New Vunnamed New As Open Delete	Update Points Report Unnamed Unnamed New As Open Delete

Then go to "Project Info" then "Coordinate" to go to the coordinate system creating interface:

🖶 Project		💀 Project 📃 🗖 🔀
Coordinate	🔤 🔀	Coordinate 🔤 🔀
File: <mark>India</mark>	Save	File: India Save
Ellipsoid Pr	ojection Convert Plar	Ellipsoid Projection Convert Plar
Source Ellip	WGS 1984 💽	Method Gauss-3
a(m):	6378137	Name Gauss-3
1/f:	298.2572236	Central M Gauss-define
Target Ellip a(m):	WGS 1984	False East Transverse Mercator Projection South TM Central la Lambert 1CCP
1/f:	298.2572236	Zone + False
		Y -> Fast True
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Coordinate 🗰 🔀	Coordinate 🛗 🔀
File: India Save	File: India 💽 Save
Ellipsoid Projection Convert Plar	Convert Plane Height Fitting 2r
Model Bursa-Wolf	Method 2D Helmert
DX(m) None Bursa-Wolf	2D Helmert
DY(m) Molodensky One-touch	Name TGO
DZ(m) PolynomialRegression	DE (m) FreeSurvey DE (m) Polynomial Fitting
RX(") 0	Rotation (CONCONSIGNATION CONSIGNATION CONSIGNATICO CONSIGNATICO CONSIGNATICO CONSIGNATICO CONSIGNATICO CONSIGNATICO CONSIGNATI CONSIGNATICO CONSIGNATICO CONSIGNATICO CONSIGNATICO CONSIGN
RY(") 0	
RZ(") 0	
K(ppm) 0	
Project	Project
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Project	Project
Project Coordinate File: India Save Convert Plane Height Fitting 2r	Project Coordinate File: India Save Ellipsoid Projection Convert Plar
Project Coordinate File: India Save Convert Plane Height Fitting 2r • • Model FreeSurvey Height fitting	Project Coordinate File: India Save Ellipsoid Projection Convert Plar
Project Image: Coordinate File: India File: India Save Convert Plane Height Fitting 2r Model FreeSurvey Height fitting None Geometric	Project Coordinate File: India Source Ellipsoid Projection Convert Plar Source Ellip WGS 1984 a(m): 6378137
Project Coordinate File: India Save Convert Plane Height Fitting 2r Model FreeSurvey Height fitting None Geometric Surface Name TGO	Project Coordinate File: India Source Ellipsoid Projection Convert Plar Source Ellip WGS 1/f: 298.2572236
Image: Second state Image: Second state File: India File: India Save Save Convert Plane Height Fitting Model FreeSurvey Height Fitting None Geometric Surface Name TGO H0(m) Kb FreeSurvey	Project Coordinate File: India Source Ellipsoid Projection Convert Plar (m): 6378137 1/f: 298.2572236
Project Coordinate File: India Save Convert Plane Height Fitting 2r Model FreeSurvey Height fitting Image: Save Convert Plane Height fitting Image: Save Image: Save Convert Plane Height Fitting Image: Save Image: Save </td <td>Project Coordinate File: India Source Ellipsoid Projection Convert Plar Source Ellip WGS 1/f: 298.2572236 Target Ellip WGS 1/f: 298.2572236</td>	Project Coordinate File: India Source Ellipsoid Projection Convert Plar Source Ellip WGS 1/f: 298.2572236 Target Ellip WGS 1/f: 298.2572236
Image: Second	Project Coordinate File: India Source Ellipsoid Projection Convert Plar Source Ellip WGS 1/f: 298.2572236 Target Target WGS 1/f: 6378137 1/f: 6378137 1/f: 6378137

Choose the corresponding model and input the parameters in the above interfaces, then click "Save" to save the coordinate system file. Then you can see the file in the folder "GeoPath" of Hi-RTK folder.