

bhuvan rkvg

Mobile App

Geo-tagging of Rashtriya Krishi Vikas Yojana (RKVY)

Assets using Geoportal Technologies



RKVY has been the flagship scheme of DAC&FW for achieving and sustaining the desired growth rate of agriculture and allied sectors in the country during 11th and 12th Five Year plan periods.

Till date over 12000 projects have been sanctioned by the states under RKVY of which large number pertain to creation of infrastructure and assets.

Geotagging initiative is taken up using an android app to precisely locate RKVY assets through Bhuvan Geoportal.

Portal provides facility to visualise asset spread in the context of high resolution image backdrop with GIS analytical capabilities.



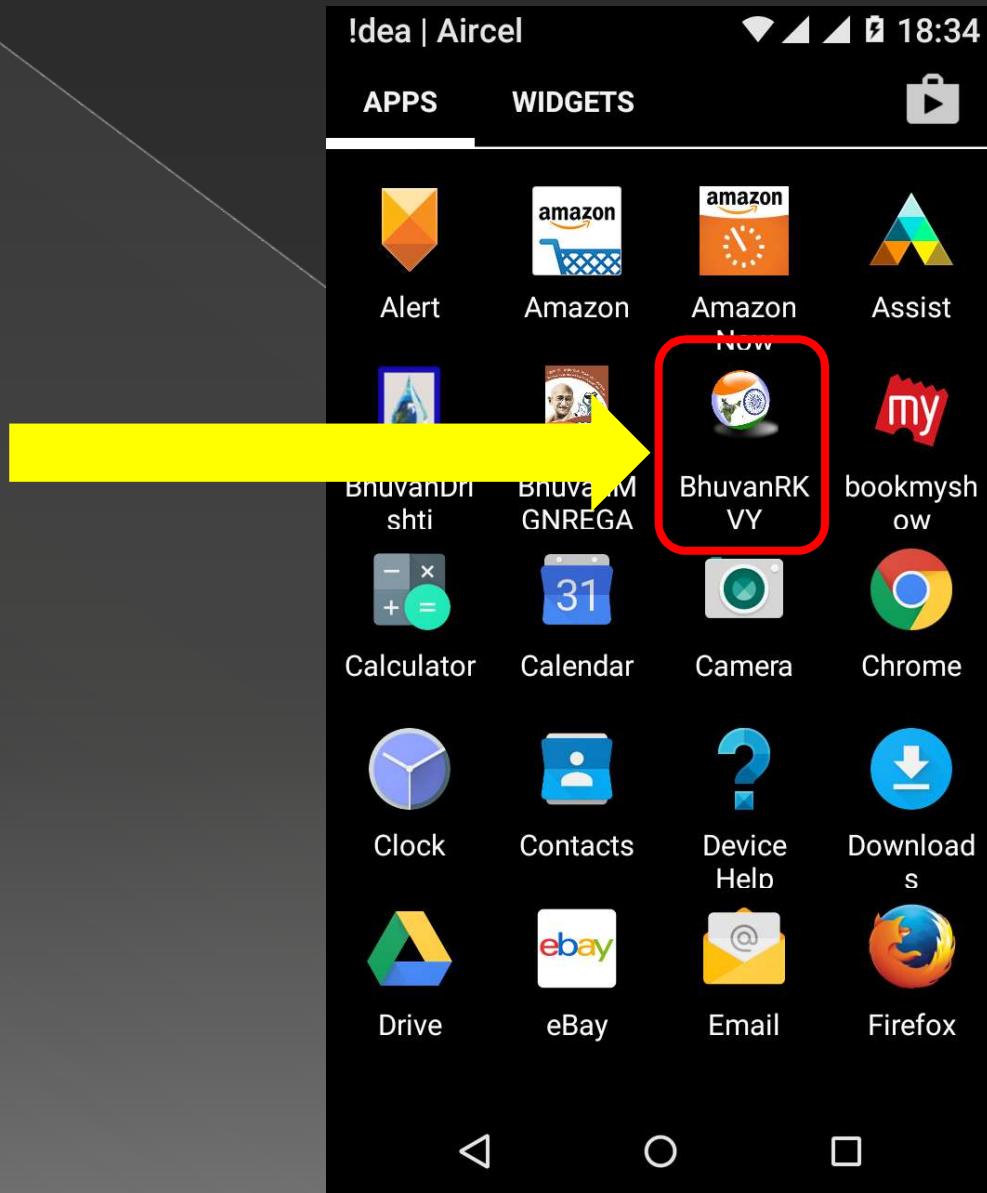
Login As:

Administrator	Data Provider
RKVY DAC&FW	State Sector Office
State Nodal Office	District
District Nodal Office	Field Office
Citizen	



Download
Field Data Collection
App for Android

<https://bhuvan-app1.nrsc.gov.in/rkvy>



22:10

... 4G 41

bhuvan rkvy

Your Profile

State : ANDHRA PRADESH

District : GUNTUR

Taluk: Guntur

User ID

ShyamNRSA

Your Name and Designation

SHYAMSUNDER SCIENTIST

Your Mobile Number

9440401581

Your Organisation

NRSC HYDERABAD

State :

Select the State

22:05

... 4G 39

ANDHRA PRADESH

ARUNACHAL PRADESH

ASSAM

BIHAR

CHANDIGARH

CHHATTISGARH

DADRA & NAGAR HAVELI

DAMAN AND DIU

DELHI



22:05

... 4G 39

23:07

... 4G 75

Your Name and Designation

SHYAMSUNDER SCIENTIST

Your Mobile Number

9440401581

Your Organisation

NRSC HYDERABAD

State :

ANDHRA PRADESH



District:

Select the District



Save



Home



Exit



- ANANTAPUR
- CHITTOOR
- EAST GODAVARI
- GUNTUR
- KADAPA
- KRISHNA
- KURNOOL
- NELLORE
- PRAKASAM

23:07

... 4G 75

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R H R F 23:32

State :

ANDHRA PRADESH



District:

GUNTUR



Taluk or Tehsil or Block or Mandal:

Guntur



Save



Home



Exit



Software
Maintenance Activity



Get UUID

bhuvan rkvy

A Mobile App to Geo-Tag Asset
under Rashtriya Krishi Vikas Yojana

GPS Accuracy: 13.0 m



Map



GPS



Photo



Attribute

Select the Sector:

Select from here



bhuvan rkvy

A Mobile App to Geo-Tag Asset
under Rashtriya Krishi Vikas Yojana

GPS Accuracy: 23.9 m



Map



GPS



Photo



Attribute

Select the Activity:

Select from here



Agriculture
Mechanization

Animal Husbandry

Cooperatives and
Cooperations

Crop Development

Dairy
Development

Extension

Fertilizers and
INM

Fisheries

Horticulture

Integrated Pest Management

Marketing and Post Harvest Management

Minor or Micro Irrigation

Natural Resources Management

Non Farm Activity

Bio Fertilizers or Organic

Research

Seeds

Sericulture

IDEA | airtel

R H R 23:33

bhuvan rkvy

A Mobile App to Geo-Tag Asset
under Rashtriya Krishi Vikas Yojana

GPS Accuracy: 12.0 m



Map



GPS



Photo



Attribute



Send



Manage



Save

IDEA | airtel

under Rashtriya Krishi Vikas Yojana

R H R 23:33

GPS Accuracy: 12.0 m



Map



GPS



Photo



Attribute



Send



Manage



Save



Refresh



Exit



Profile



Help



Sector : AgricultureMechanization

Village:

Enter village name

Survey No:

Enter Survey No

Project Name:

Enter Project name

Project Code:

Enter Project Code

Sub Sector Type :

Select from here



Quantity :

Quantity :

Enter here

Any Other Information :

Do not use any special text

characters

Year of Project approved by SLSC
(MMYYYY):

Enter the value

Year of Project Starting (MMYYYY):

Enter the value

Year of Completion (MMYYYY):

Enter the value

Project Status :



Project Status :

Select from hereProject Cost Approved by SLSC in
Rs:

Enter the value

Expenditure in Rs:

Enter the value

Beneficiary Name:

Enter the value



Send



Manage



Save

Enter the value

Year

E

Pr

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Rs

Ex

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Beneficiary Name:

Enter the value

0-20



20-40



40-60



60-80



80-99



Completed



Enter Survey No

Project Name:

Enter Project name

Project Code:

Agriculture
Mechanization

Animal Husbandry

Cooperatives and
Cooperations

Crop Development

Dairy
Development

Extension

Fertilizers and
INM

Custom Hiring
Centre(Area
catered)

Agriculture
Machines Testing
Centers(Hours of
testing done)

Any Other Information :

Do not use any special text
characters

Year of Project approved by SI SC



Agriculture
Mechanization

Animal Husbandry

Cooperatives and
Cooperations

Crop Development

Dairy
Development

Extension

Fertilizers and
INM

AI unit(Units
produced per
year)

Breeding
Farm(Quality
Calves produced
per year)

Animal
Dispensary(Anima
ls treated per
year)

Vaccine
Production
unit(Vaccines
units produced

ANIMAL HUSBANDRY

Idea | Aircel

09:21

Idea | Aircel

09:22

Enter Survey No.

Diagnosis
Lab(Samples
diagnosed per
year)

Mobile Diagnosis
Lab(Samples
diagnosed per
year)

Animal
Ambulance(Anima
ls handled per
year)

Semen Cold
Chain(Samples
handled per year)

Enter Survey No.

Fodder Block
Machined
Tractor(Productio
n capacity)

Carcass
Treatment
Plant(Capacity of
the unit)

Slaughter House
Mechanisation(Ar
ea improved)

Year of Project approved by SI SC

Year of Project approved by SI SC



Agriculture
Mechanization



Animal Husbandry



Cooperatives and
Cooperations



Crop Development



Dairy
Development



Extension



Fertilizers and
INM



Sector : CooperativesCooperations

Village:

Enter village name

Survey No:

Enter Survey No

Project Name:

Enter Project name

Project Code:

Enter Project Code

Sub Sector Type :

Enter here

Quantity :



Project Name:

- Agriculture Mechanization
- Animal Husbandry
- Cooperatives and Cooperations
- Crop Development**
- Dairy Development
- Extension
- Fertilizers and INM

- E
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- Su
- Qu
- E
- An
- D
- Year of Project approved by GOVT
(MMYYYY):



Agriculture
Mechanization



Animal Husbandry



Cooperatives and
Cooperations



Crop Development



Dairy
Development



Extension



Fertilizers and
INM



Setting Milk Proc
Unit(Capacity in
Litres per year)



Modernisation of
MPU(Capacity
Added in Litres
per year)



Strengthen
MPU(Capacity
Added in Litres
per year)



Strengthening
Milk Cold
Storage(Capacity
in Litres addded)



Enter the value



DAIRY DEVELOPMENT

!dea | Aircel

09:22

!dea | Aircel

09:23

Enter Project name

Refrigerated
Vehicle(Capacity
in Litres)

Milk
Parlor(Capacity in
Litres)

Chilling
Lab(Capacity in
Litres)

Feed Storage
Godown(Capacity
in Kgs)

Cattle Feed
Plant(Capacity in
Kgs)

Enter the value

Cattle Shed(Area
in sq m)

ETP in Milk
processing(Capac
ity in Litres)

Enter the value

Agriculture
Mechanization

Animal Husbandry

Cooperatives and
Cooperations

Crop Development

Dairy
Development

Extension

Fertilizers and
INM

Enter village name

Survey No:

Kisan Call
Centres(Farmers
catered)

ATMA
Infrastructure(Far
mers catered)

Knowledge or
Technology
Resource
Centres(Farmers
catered)

Enter here

!dea | airtel

23:36

Agriculture
Mechanization

Animal Husbandry

Cooperatives and
Cooperations

Crop Development

Dairy
Development

Extension

Fertilizers and
INM

!dea | Aircel

09:20

Project Code:

Enter Project Code

Asset Type :

Fertilizer QC Lab -
New(Samples per
Year)

Fertilizer QC Lab -
Strengthen(Added
Samples per Year)

Year of Project approved by SLSC
(DDMMYYYY):

Enter the value

Year of Project Starting (YYYY):

FISHERIES

Idea | Aircel

09:27

Fish Ponds or
Reservoirs(Area in
Sq m)

Fish seed
Hatcheries(Area in
Sq m)

Marketing
infrastructure(Are
a in Sq m)

Marketing
infrastructure(Are
a in Sq m)

Mobile Transport
or Refrigerated
vans(Capacity in
volume)

Cold Storage and
Ice
Plants(Capacity in
volume)

Enter the value



HORTICULTURE

!dea | Aircel 09:14

- Project Code:
- Nursery(Capacity in no of seedlings per year)
- Tissue Culture Lab(Capacity in no of seedlings per year)
- Community Tank(Area in ha)
- Farm Pond(Area in ha)
- Farm pond - Plastic Lining(Volume in CuM)

Year of Project Starting (YYYY):

!dea | Aircel 09:15

- Project Code:
- Green House(Area in Sq M)
- Poly House(Area in Sq M)
- Shade Net House(Area in Sq M)
- Sanitary Infra(Area in Sq M)
- Phytosanitary Infra(Area in Sq M)
- INM or IPM- Diseases

Year of Project Starting (YYYY):

HORTICULTURE

!dea | Aircel



09:15

Project Codes

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Qu

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Qu

INM or IPM-

Diseases



Forecasting

Unit(Area in Sq M)

INM or IPM-Plant

Health Clinic(Area
in Sq M)



INM or IPM-Leaf

or Tissue Analysis



Lab(Area in Sq M)

INM or IPM-

Biocontrol



Lab(Area in Sq M)

!dea | Aircel



09:15

Project Codes

E
As

Qu

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Qu

E
Ar

Qu

E
Ar

Qu

E
Ar

Qu

INM or IPM-

Vermicompost



unit(Area in Sq M)

Controlled

Atmosphere



Storage(Area in

Sq M)

Cold

Chain(Capacity of



vans or Capacity

of Storage)

Ripening or Curing



chamber(Volume

in Cu M)



HORTICULTURE

!dea | Aircel 09:15

Project Details

- Primary or minimal processing units (Area in Sq M)
- Terminal Market(Area in Sq M)
- Wholesale Market(Area in Sq M)
- Rural Market(Area in Sq M)
- Processing Plant(Area in Sq M)

Year of Project Starting (YYYY):



!dea | Aircel 09:16

- MoFPI Guided Processing Unit(Area in Sq M)

Year of Project Starting (YYYY):



Fisheries

Horticulture

Integrated Pest Management

Marketing and Post Harvest Management

Minor or Micro Irrigation

Natural Resources Management

Non Farm Activity

Biocontrol Agent Lab(Area in Sq M)

Residue Testing Lab(Samples per Year)

Pesticide Testing Lab(Samples per Year)

Bio-Pesticide Test Lab(Samples per Year)

Seed Trtmt Drum or Chemicals(Samples per Year)

(DDMMYYYY):



Project Code:

Fisheries

Horticulture

Integrated Pest
Management

Marketing and
Post Harvest
Management

Minor or Micro
Irrigation

Natural Resources
Management

Non Farm Activity

Fruits or
Vegetable
Markets or
Distribution
Centres(Area in Sq
m)

APMC(Area in Sq
m)

Special Storage
Units(Capacity in
volume)

Electronic Trading
Unit(Volume
Traded)

MARKETING & POST HARVEST

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09:28

Project Code:

Farmers Service
Centres(Total
Clientele Served
per year)

Food Grain
Procurement
Centres(Capacity
in Tonnes)

E-Kisan Bhawans
or Internet
Kiosks(Farmers
catered)

Grading
Line(Capacity
available)

Idea | Aircel

09:28

Project Code:

Quality
Control(Samples
catered)

Packing(Capacity
available in
tonnes)

MINOR AND MICRO-IRRIGATION

!dea | Aircel

18:25

!dea | Aircel

18:25

Shallow Well and
Dug Well(Yield in
LPM)



Tubewell(Yield in
LPM)



Percolation and
Minor irrigation
tanks(Area in Sq
m)



Farm ponds(Area
in Sq m)



Drip and sprinkler
Irrigation
System(Area in Sq
m)



Field
Channels(Capacit
y of channel)



Piped Water
Conveyance
System(Length
placed in m)



Enter the value



Enter the value



NATURAL RESOURCE MANAGEMENT

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- SWC-Terracing(Size in M)
- SWC-Gully Control Measures(Size in M)
- SWC-Spill ways(Size in M)
- SWC-Check Dams(Size in M)
- SWC-Spurs(Size in M)
- SWC-Diversion Drains(Size in M)
- SWC-Protection

Idea | Aircel ☎ 📲 📧 09:18

- SWC-Protection Walls(Size in M)
- Soil Reclamation - Acid(Area in ha)
- Soil Reclamation - Alkali(Area in ha)
- Soil Reclamation - Saline(Area in ha)
- Soil Reclamation - Ravine(Area in ha)
- Soil Reclamation - Water Logged(Area in ha)

- Fisheries
- Horticulture
- Integrated Pest Management
- Marketing and Post Harvest Management
- Minor or Micro Irrigation
- Natural Resources Management
- Non Farm Activity**

Enter Project name

Project Code:

Enter Project Code

Sub Sector Type :

Select from here

Mushroom Cultivation

Others

Any Other Information :

Do not use any special text

Year of Project approved by SLSC
(MMYYYY):

Enter the value

Management

Minor or Micro
Irrigation

Natural Resources
Management

Non Farm Activity

Bio Fertilizers or
Organic

Research

Seeds

Sericulture

Enter Project name

Project Code:

Bio-Fertz
Production
Unit(Output
Capacity in tonnes
per year)

Composting
Unit(Output
Capacity in tonnes
per year)

Year of Project approved by SLSC
(DDMMYYYY):

Management

Minor or Micro
Irrigation

Natural Resources
Management

Non Farm Activity

Bio Fertilizers or
Organic

Research

Seeds

Sericulture

Enter village name

Survey No:

Enter Survey No

Research
Infrastructure(Cap
acity in terms of
projects)

Strengthening of
Krishi Vigan

Kendras -
KVKs(Infrastructur
e added)

Quantity :

Enter here

SEEDS

!dea | Aircel

18

!dea | Aircel

18:22

Enter village name

Seed Testing
Labs(Samples
capacity in nos)



Seed Processing
Facilities(Capacity
in Tonnes)



Dry Cool Seed
Storage
unit(Capacity in
Tonnes)



Storage
Godown(Capacity
in Tonnes)



Seed Certification
Agency(Clientele
catered)



Seed
Multiplication
Farms(Capacity in
Tonnes)



Any Other Information :

Any Other Information :



Management

Minor or Micro
Irrigation

Natural Resources
Management

Non Farm Activity

Bio Fertilizers or
Organic

Research

Seeds

Sericulture

Survey No:

Enter Survey No

Mulberry Nursery

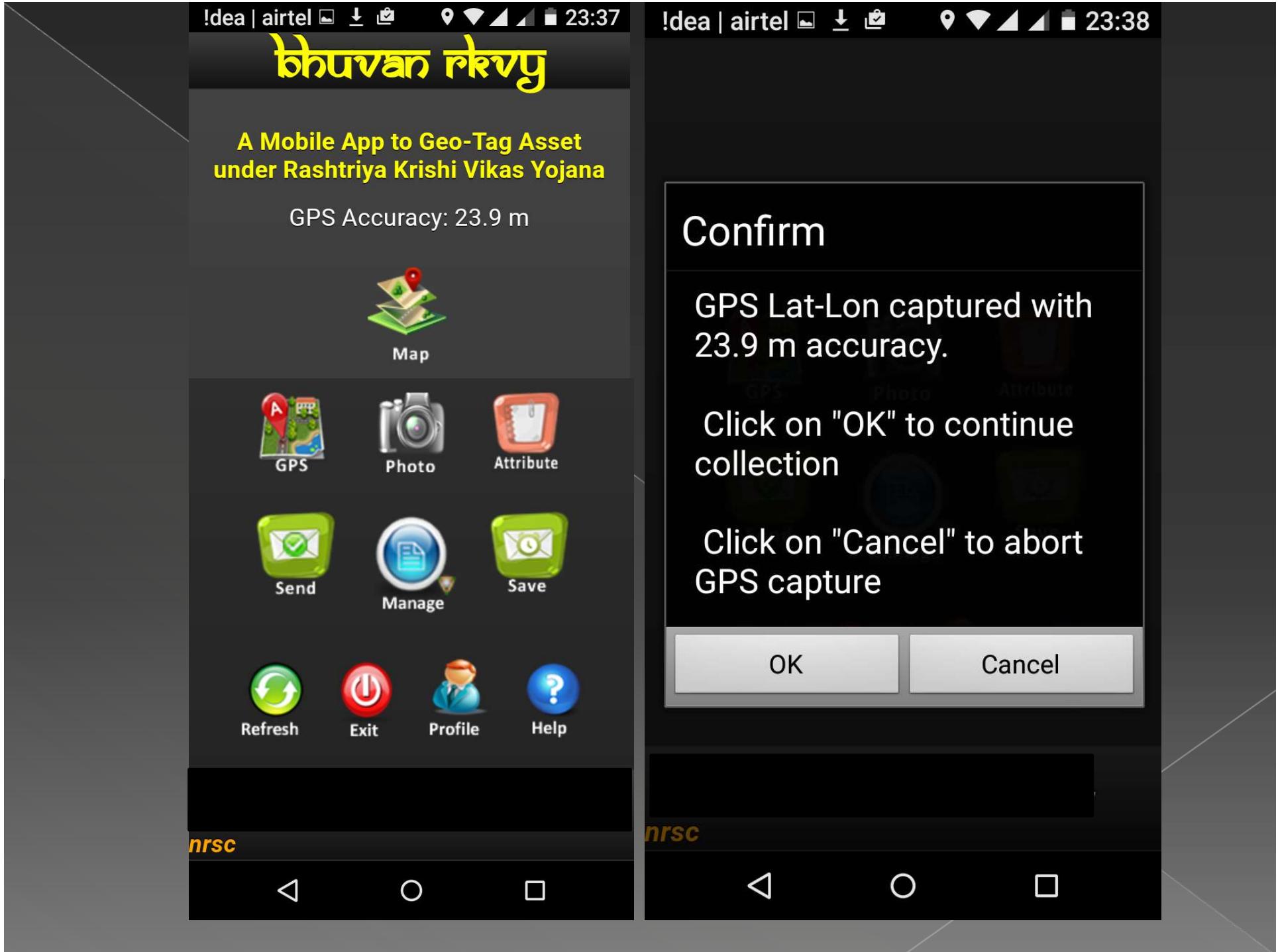
Mulberry
Cultivation

Cocoon Rearing
Stru

Cocoon Reeling

Cocoon Markets





Idea | Aircel

19:43

bhuvan rkvy

A Mobile App to Geo-Tag Asset
under Rashtriya Krishi Vikas Yojana

GPS Accuracy: 4.0 m



Map

GPS Acc:4.0 m



GPS



Photo



Attribute



Send



Manage



Save



Idea | Aircel

19:45

bhuvan rkvy

A Mobile App to Geo-Tag Asset
under Rashtriya Krishi Vikas Yojana

GPS Accuracy: 5.0 m



Map

GPS Acc:4.0 m



GPS



Photo



Attribute



!dea | Aircel



09:16

Percentage Construction :

Select from here

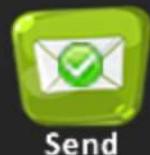


Project Cost Approved by SLSC:

Enter the value

Expenditure:

Enter the value



Send



Manage



Save



Refresh



Exit



Profile



Help

FDCapp - Bhuvan RKVY version 1.1



!dea | Aircel



19:46

bhuvan rkvy

Alert

Data saved for Sending
Later

OK



Please wait



!dea | Aircel

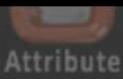
19:47



GPS



Photo



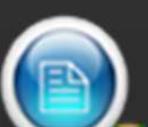
Attribute

Select the Activity:

Select from here



Send



Manage



Save



Send Later



Sent Failed



View Sent



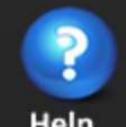
Refresh



Exit



Profile



Help

nrsc



!dea | Aircel

19:48

bhuvan rkvg

Upload Send Later Data



Send

List Observations:

"NaturalResourcesManag...
19:43:2;7-11-2016"



Delete



Home



Edit



!dea | Aircel

19:48

bhuvan rkvy

Edit Send Later Data

Name of the Activity :
NaturalResourcesManagement

Photo-1



Photo-2



State :

Enter here

State :

Enter here

!dea | Aircel

19:48

Enter here

Percentage Construction :

0-20



Project Cost Approved by SLSC :

Enter here

Expenditure :

Enter here



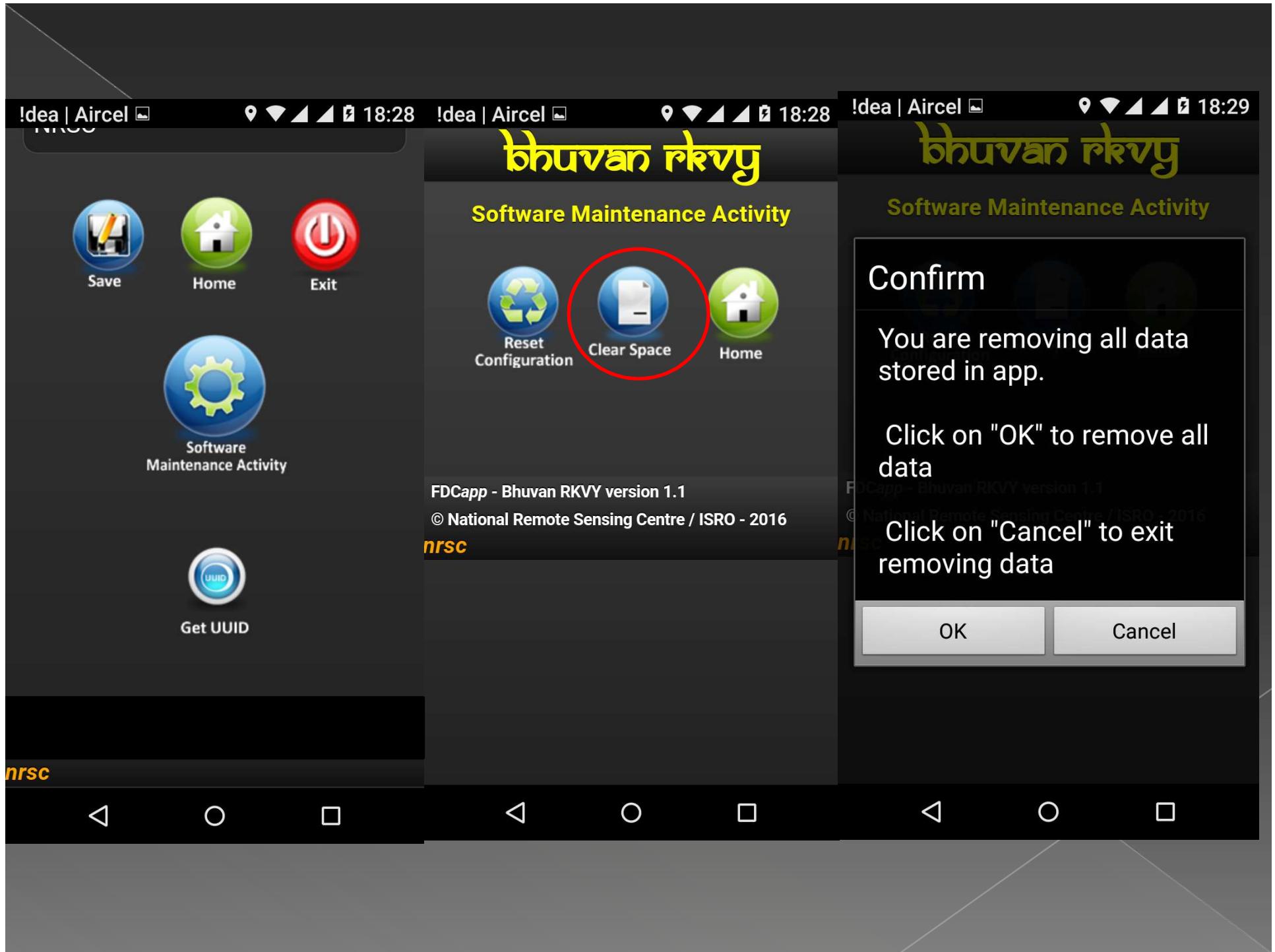
Cancel



Save

nrsc





!dea | Aircel

18:28



Save



Home



Exit



Software
Maintenance Activity



Get UUID

!dea | Aircel

20:00



Save



Home



Exit

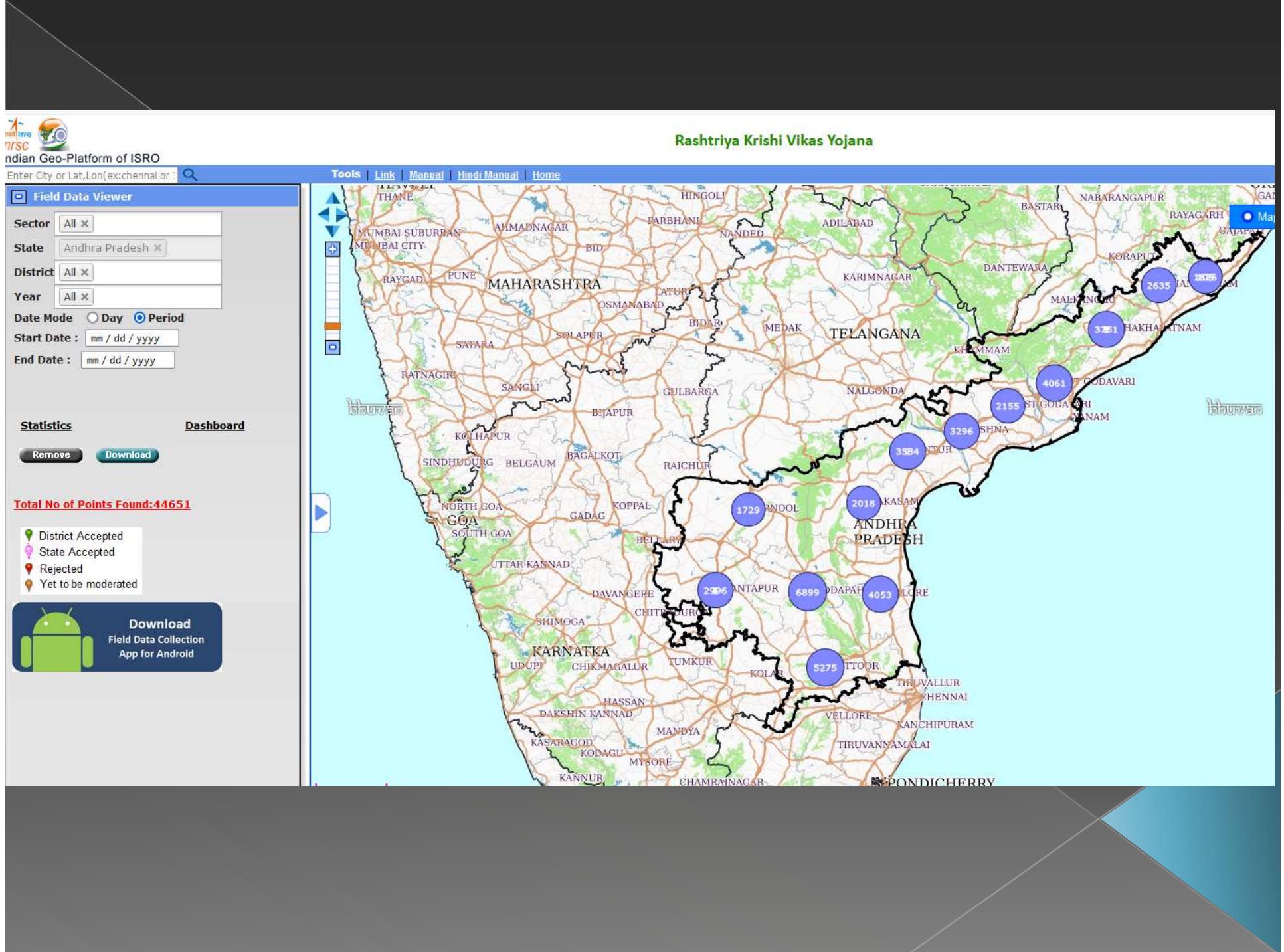
Alert

The UUID of the device:
3162d680d9d2b4a3

OK



Get UUID



Statistics

GeoTagging Status of Bhuvan-RKVVY

Rejected :1750

State Accepted :30492 (District and State Accepted)

District Accepted :1206 (District Accepted and State yet to Moderate)

Yet to be Moderated :11204

Moderated :33448

Total RKVVY Assets Geotagged:44652

Performance Sector wise as per the Selection Criteria:

Name	Yet to Moderate	District Accepted	State Accepted	Rejected	Total Moderated	Total
	180	0	1	0	1	181
Agriculturemechanization	8596	0	22422	759	23181	31777
Animalhusbandry	47	8	1	11	20	67
Biofertilizersorganic	22	0	42	0	42	64
Cooperativescooperations	8	0	0	0	0	8
Cropdevelopment	3	0	0	3	3	6
Dairydevelopment	4	3	0	0	3	7
Extension	29	0	316	3	319	348
Fertilizers	6	0	68	1	69	75
Fisheries	126	0	2334	89	2423	2549
Horticulture	472	0	1016	417	1433	1905
Integratedpestmanagement	1	0	18	0	18	19
Marketingpostharvest	28	0	0	0	0	28
Minormicroirrigation	678	0	0	0	0	678
Naturalresourcesmanagement	1	0	0	0	0	1

Statistics

District Accepted :1200 (District Accepted and State yet to Moderate)

Yet to be Moderated :11204

Moderated :33448

Total RKVY Assets Geotagged:44652

Performance Sector wise as per the Selection Criteria:

Name	Yet to Moderate	District Accepted	State Accepted	Rejected	Total Moderated	Total
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Cooperativescooperations	8	0	0	0	0	8
Cropdevelopment	3	0	0	3	3	6
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Horticulture	472	0	1016	417	1433	1905
Integratedpestmanagement	1	0	18	0	18	19
Marketingpostharvest	28	0	0	0	0	28
Minormicroirrigation	678	0	0	0	0	678
Naturalresourcesmanagement	1	0	0	0	0	1
Nonfarmactivity	11	0	0	0	0	11
Research	223	138	2174	144	2456	2679
Seeds	12	0	9	1	10	22
Sericulture	755	1057	2091	322	3470	4225

bhuvan rkvy

A Mobile App to Geo-Tag Asset
under Rashtriya Krishi Vikas Yojana

GPS Accuracy: 23.9 m



Map



Photo



Attribute

THANK YOU

shyamsunder_b@nrsc.gov.in
anjum_m@nrsc.gov.in
040-23884569, 23884248
9440401581, 7569057088

