

# ELECTION COMMISSION OF INDIA

## Use of IT In Different aspects of elections



# ECI and IT

ECI uses Information Technology (IT) in a big way for

**1. Providing easier service delivery and access to electors-**

1. On-line application for electoral roll;
2. Electoral Roll search facility on the website, through SMS and Mobile App
3. Polling Station locations on maps on ECI website;
4. Call centre with 1950 (phone number) for public grievances/information/help

**2. Ensuring greater transparency**

1. Displaying affidavits of candidates indicating personal, financial and legal status for public view,
2. Electoral Rolls on the website,
3. Use of Poll Day Live webcasting from Polling Stations

**3. Better election management.**

1. Observer Management system,
2. Poll monitoring,
3. Election Monitoring dashboard for officers at all levels,
4. EVM tracking through software
5. Trends and result live dissemination through Portal

# Role of IT in Transforming Indian Elections

## **ECI has been keeping pace with**

- Technological changes
- Bringing up improvements in the electoral process contributed to the transparency and speedy conduct of elections
- Enhancing the participation of people in the electoral process.
- Almost every Election process is being supported by IT.

## **Major IT Interventions introduced are**

- Computerization of Electoral rolls
- Issue of unique EPIC to all electors.
- Use of Electronic Voting Machines
- Use of IT in Elections planning, conduct and monitoring
- National Grievances Service and Access to Information.

# Overview of IT Applications in ECI

## Electoral roll related

- ❑ ERO Net
- ❑ National Voter Service Portal (NVSP)
- ❑ BLO Net
- ❑ Eroll monitoring
- ❑ Service Voters registration
- ❑ NERP
- ❑ ECI Portal/Website
- ❑ National Grievances Service (NGS)

## Conduct of Elections

- Web Casting
- Candidates nominations and affidavits (Genesys)
- Samadhan
- Suvidha
- Sugam
- ETPBS
- Election monitoring Dashboard
- Election Expenditure Monitoring System
- Pre-Counting Genesys
- Trends and Results Management System
- Index card data application
- EVM tracking system
- Geographic information system
- cVIGIL

# National Voter Service Portal (NVSP)

National Voters Service Portal aims to provide single window quality services through user friendly interface for citizen to increase transparency and ease of access of information. The use of cloud services made the National Electoral Search significantly fast and providing search services over more than 85 crore electoral data within a blink of eye.

- ❑ Search your name in electoral roll
- ❑ Apply online for registration as new voter
- ❑ Correction of entries or change of address
- ❑ Track status of application
- ❑ Print voter information slip
- ❑ Know your BLO, ERO and DEO etc.



# NVSP cont..

## Search your name in electoral roll

- The national electoral search has the responsive UI which works for both desktop and mobile.
- There are options for selecting search by details or search by EPIC no. In search by details, user can fill in the required details like, Name, Relative Name, DOB/Age, State and Constituency or select the location from the Google map which is integrated in the page.

# NVSP- search

विवरण द्वारा खोज/Search by Details

पहचान-पत्र क्र. द्वारा खोज/Search by EPIC No.

ऑनलाइन आवेदन करें/Apply Online [↗](#) | मदद/Help

नाम/Name \*

Name (Required)



पिता / पति का नाम (Father's/Husband's Name)

Father's/Husband's name (Optional)



☒ उम्र/Age

Select Age from List



☐ जन्म तिथि/DoB

लिंग/Gender

Select Gender from List



राज्य/State

Select State from List



जिला-निर्वाचन क्षेत्र

Select Constituency from List



District-Constituency

या/OR

नक्शे पर चुने  
Locate on Map



कोड / Code \*

I 3 Z M A L



Captcha Text

खोजें/Search

# NVSP cont..

## On-line Registration/ Modification/ Deletion/ Transposition

- ❖ Voter can apply online to register / modify / delete / transposition in the electoral roll using various forms like form 6, 6a, 7, 8 and 8a. The option is available to upload the supporting the documents
- ❖ HTML5 based forms with responsive UI
- ❖ Auto filling of data
- ❖ Validation to avoid junk input.
- ❖ Check for duplicity at server side
- ❖ Confirmation mail to user after successful submission





आपकी फ़ाइल अपलोड करें  
Upload Your File

English ☒

भाषा का चयन  
करें/Select Language

हिंदी



नोट : तारांकन (\*) से चिह्नित फ़ील्ड्स अनिवार्य हैं /Note : Fields marked with asterisk (\*) are mandatory

## प्रारूप 6/Form 6

[नियम 13(1) और 26 देखिए]/[See rules 13(1) and 26]

### निर्वाचक नामावली में नाम सम्मिलित किए जाने के लिए आवेदन/Application for inclusion of name in electoral roll

सेवा में/To

निर्वाचक रजिस्ट्रार अधिकारी,/The Electoral Registration Officer

राज्य/State \*

Select



विधान सभा/संसदीय निर्वाचन-  
क्षेत्र/Assembly/Parliamentary  
Constituency \*

Select



महोदय,/Sir,

मैं प्रार्थना करता हूँ कि उक्त निर्वाचन-क्षेत्र के लिए निर्वाचक नामावली में मेरा नाम सम्मिलित कर लिया जाए। निर्वाचक नामावली में सम्मिलित किए जाने के लिए मेरे दावे के समर्थन में ब्यौरे नीचे दिये गये हैं।/I request that my name be included in the electoral roll for the above Constituency. Particulars in support of my claim for inclusion in the electoral roll are given below:

### I. आवेदक का ब्यौरा/I. Applicant's details

नाम/Name \*

(In English)

RAHUL

(In Regional)

राहुल

उपनाम (यदि कोई है)/Surname  
(If any)

(In English)

(In English)

(In Regional)

(In regional)

लिंग/Gender \*

Male



☒ 1. जनवरी को आयु/Age as on  
1st January \*

2015

Years



Month



या/Or

(जन्म तिथि, यदि ज्ञात है:/If Date of Birth known)

☐ जन्म तिथि/Date of Birth \*

Year



Month



Day



### जन्म स्थान का विवरण /Place of Birth Details

राज्य चुनें/Select State \*

Select



जिला चुनें/Select District \*

Select



गांव/शहर/Village/ Town

जन्म का स्थान/Birth Place

# ERO Net

ERONET brings in seamless processing of forms, easy handling of the databases, regular and simpler way of monitoring the ERs activities and maintaining the ERs health.

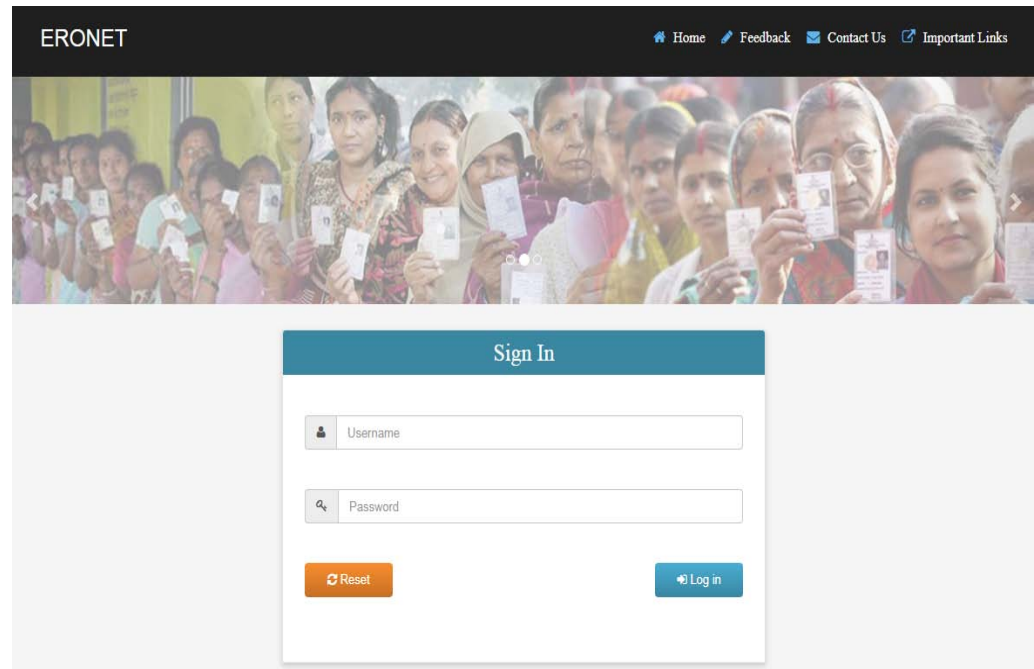
The system has three major components,

1. ERONET links all EROs of Nation.
2. UNPER Unified National Photo Electoral Rolls
3. NVSP Citizen Electoral services.

The overall scope of ERONET is to develop a web based system for Electoral officials, in 14 languages and 11 scripts, to handle all processes pertaining to Form 6/6A/7/8/8A/001.

# Functionalities and Benefits

- ❑ Digitization of Forms Received Offline
- ❑ Online Form Processing
- ❑ E-ROLL management with Unique EPIC Number Generation
- ❑ Synchronization of E-Roll
- ❑ Reports and Monitoring Dashboard
- ❑ E-ROLL PDF Generation module



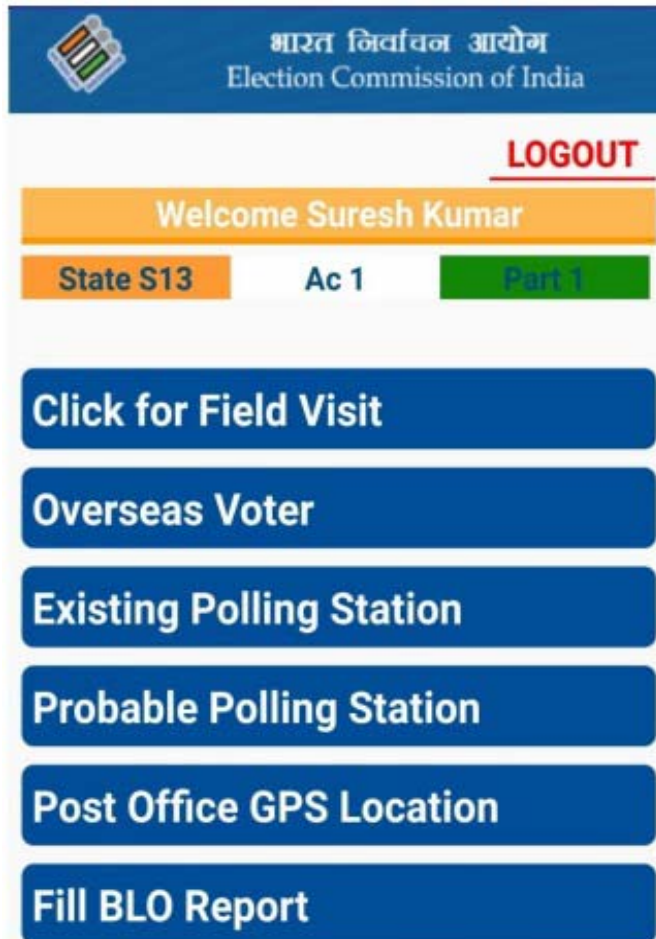
The screenshot displays the ERONET website interface. At the top, a dark header bar contains the text "ERONET" on the left and navigation links for "Home", "Feedback", "Contact Us", and "Important Links" on the right. Below the header is a large banner image showing a group of people, primarily women, holding up small white cards with photos and text. In the foreground, a white sign-in form is centered. The form has a teal header with the text "Sign In". It contains two input fields: "Username" with a person icon and "Password" with a magnifying glass icon. Below these fields are two buttons: an orange "Reset" button with a circular arrow icon and a teal "Log in" button with a right-pointing arrow icon.

# NERP- National Electoral roll purification program

Since technology for image matching is not 100% correct, a manual intervention is a better solution for correct result. It is made easy and quick by a process in the portal. If the photos are similar or not or are ambiguous can be seen and accordingly decision can be taken by clicking appropriate button. This will indicate the correct decision or will mark these records to be different for any future comparison and de-duplication software.

When the volume is huge and large number of officials are operating, monitoring is equally difficult. IT provides a solution for effective monitoring and a dashboard for quantitative progress review.

# BLO Net



The desktop interface of the BLO Net portal features a blue header with the Election Commission of India logo and name. Below the header, a 'Welcome Suresh Kumar' message is displayed in an orange box. To the right of the welcome message is a red 'LOGOUT' link. Below the welcome message, three colored boxes represent the user's location: 'State S13' (orange), 'Ac 1' (white), and 'Part 1' (green). A vertical list of seven blue buttons is positioned below the location boxes, each containing a white text label for different voter categories and reporting functions.

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[LOGOUT](#)

Welcome Suresh Kumar

State S13      Ac 1      Part 1

Click for Field Visit

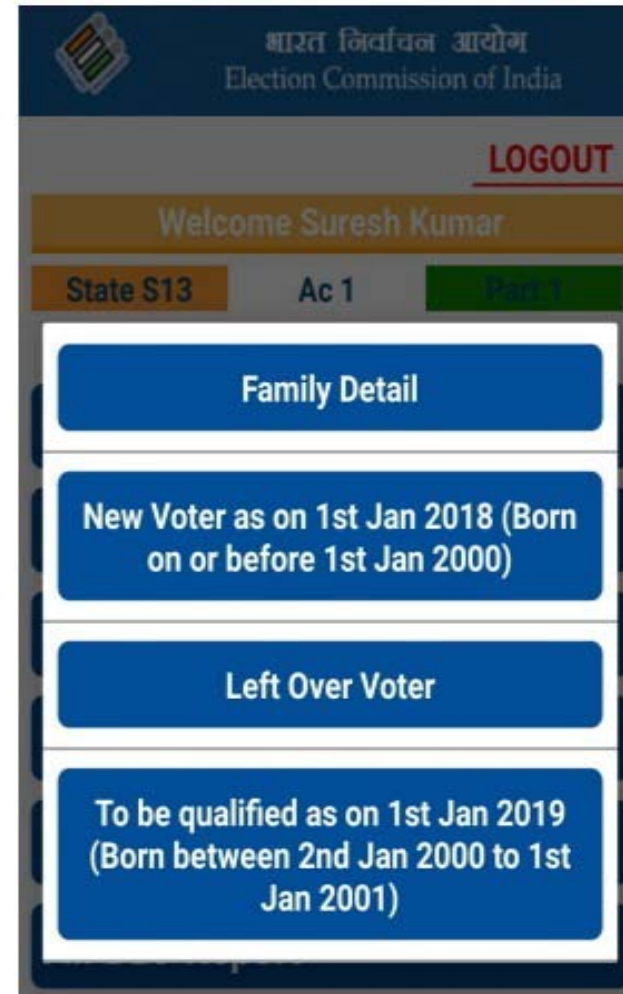
Overseas Voter

Existing Polling Station

Probable Polling Station

Post Office GPS Location

Fill BLO Report



The mobile interface of the BLO Net portal has a similar layout to the desktop version but is optimized for a smaller screen. It includes the same header, welcome message, location boxes, and a 'LOGOUT' link. The list of buttons is also present, but the 'To be qualified as on 1st Jan 2019' button is expanded to show its full text, which specifies the birth date range for qualification.

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Election Commission of India

[LOGOUT](#)

Welcome Suresh Kumar

State S13      Ac 1      Part 1

Family Detail

New Voter as on 1st Jan 2018 (Born on or before 1st Jan 2000)

Left Over Voter

To be qualified as on 1st Jan 2019 (Born between 2nd Jan 2000 to 1st Jan 2001)

# Special Drive Dashboard

## Special Drive

TOTAL ELECTORS : 713083935

Verified Electors **9526635**

ELECTORS TAGGED AS FAMILY **20460893**

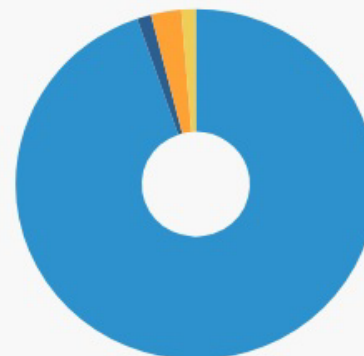
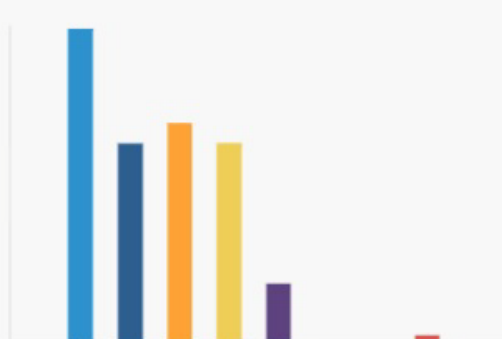
FAMILY FORMED **9681270**

FORM 6,7,8 COLLECTED **0**

PROSPECTIVE ELECTORS **49138**

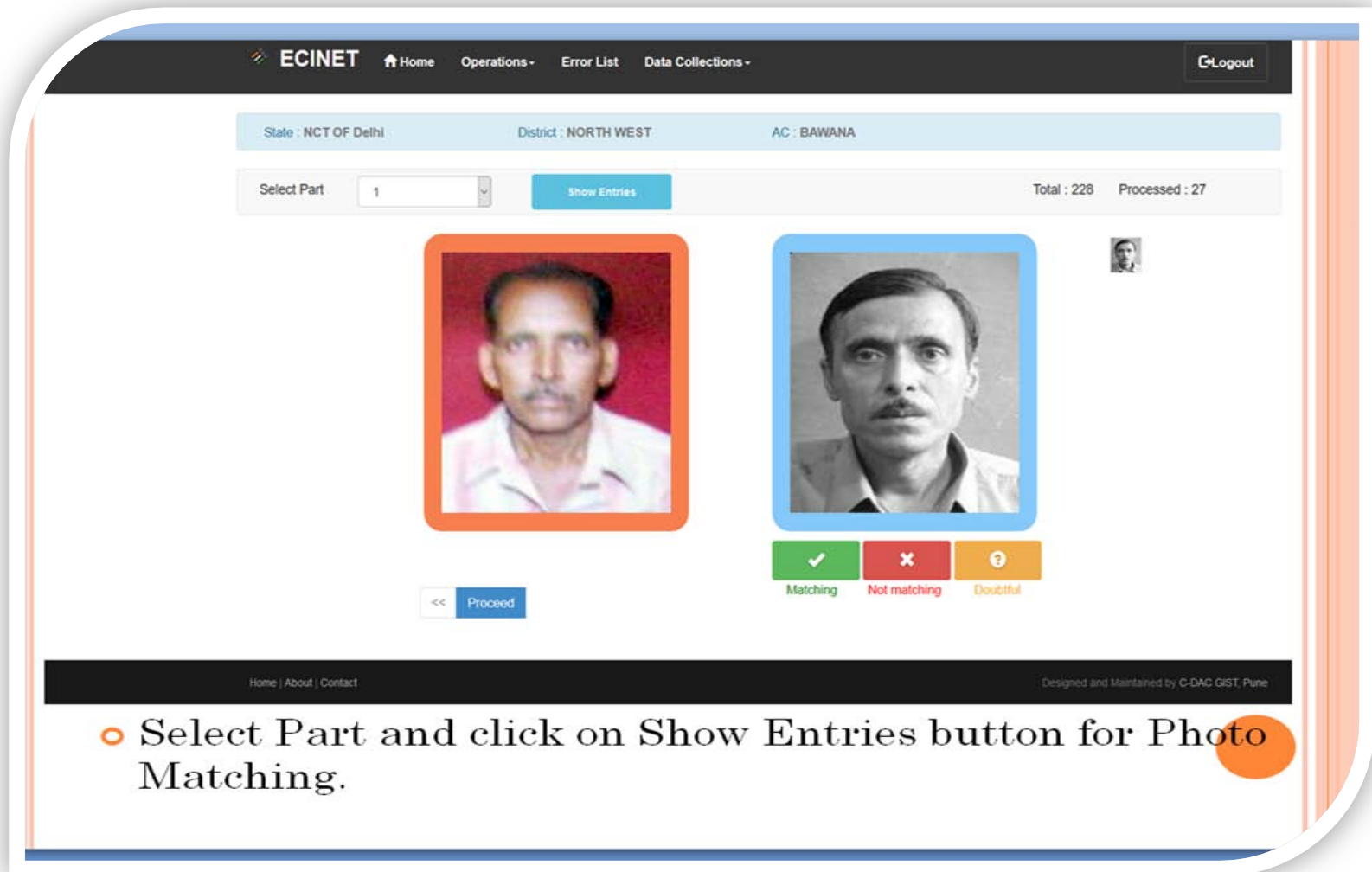
FORM 6A COLLECTED **0**

POSSIBLE POLLING STATIONS **7035**



State Code	State Name	TOTAL ELECTORS	VERIFIED ELECTORS	ELECTORS TAGGED AS FAMILY	FAMILIES FORMED	PROSPECTIVE ELECTORS	FORM 6,7,8 COLLECTED	FORM 6 COLLECTED	POSSIBLE POLLING STATIONS
S02	Arunachal Pradesh	781644	5018	34744	13680	174	0	0	20
S03	Assam	20722622	2	41	26	0	0	0	0
S04	Bihar	69284436	8645	155384	65861	13	0	0	13
S05	Goa	1115764	69781	230033	105515	546	0	0	103
S07	Haryana	16940240	193948	381773	164902	1043	0	0	78
S09	Jammu & Kashmir	7503595	724334	2413788	1031651	9698	0	0	1589
S11	Kerala	25405718	86426	228927	102740	342	0	0	49
S12	Madhya Pradesh	50446074	133229	611682	274442	2118	0	0	196
S13	Maharashtra	84322363	2270000	5875434	2887026	6086	0	0	1212
S14	Manipur	1909377	26275	75166	30171	211	0	0	52
S15	Meghalaya	1774349	5218	23637	12723	71	0	0	4
S16	Mizoram	748510	46925	57419	17216	243	0	0	57
S17	Nagaland	1163791	5722	21797	8336	107	0	0	72

# NERP — removal of multiple entries



The screenshot displays the ECINET web application interface. At the top, there is a navigation bar with the ECINET logo and links for Home, Operations, Error List, Data Collections, and a Logout button. Below this, a light blue header bar shows the selected location: State : NCT OF Delhi, District : NORTH WEST, and AC : BAWANA. A form section includes a 'Select Part' dropdown menu set to '1' and a 'Show Entries' button. To the right of this section, it indicates 'Total : 228' and 'Processed : 27'. The main content area features two large portrait photos side-by-side. The photo on the left is framed with an orange border, and the photo on the right is framed with a blue border. Below the right photo, there are three buttons: a green 'Matching' button with a checkmark, a red 'Not matching' button with an 'X', and a yellow 'Doubtful' button with a question mark. A '<< Proceed' button is located below the left photo. At the bottom of the interface, a footer bar contains links for Home, About, and Contact, along with the text 'Designed and Maintained by C-DAC GIST, Pune'.

- Select Part and click on Show Entries button for Photo Matching.



Welcome

DIR IT

All State

Show

A. Demographically Matched Records:

Demographic  
Similar Entries

65%

Photo Match  
Completed

50%

BLO Form  
Downloaded

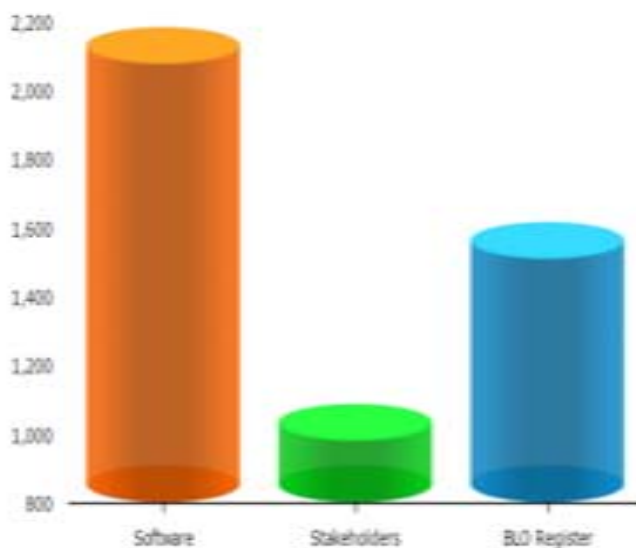
44%

BLO Data Entry  
Done

53%

Action Taken  
by ERO

55%



Performance Bar



B. Error Correction:

C. Polling Station Statistics:

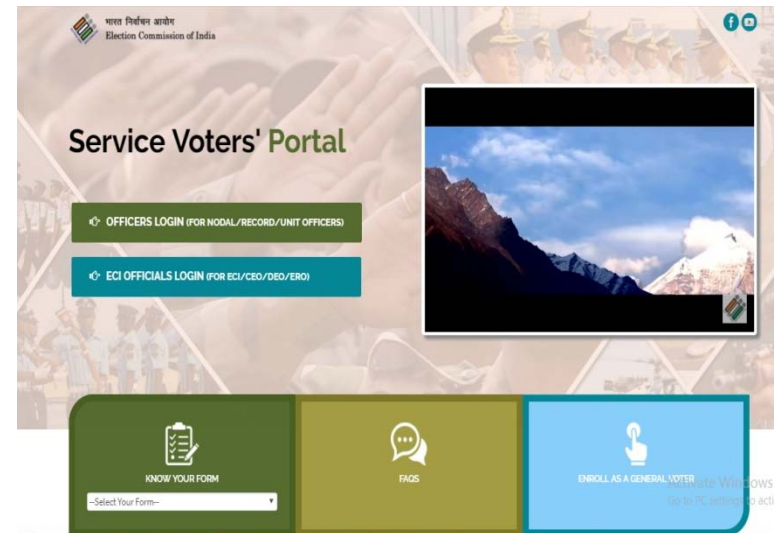
D. Elector Details:

E. Absentee/Shifted/Dead Entries:



# Service Voter registration

- Service Voter registration (servicevoter.nic.in) is an online portal for registration of Service personnel of Defence Forces, Paramilitary Forces and Foreign Service. A nodal officer is appointed for different services that in turn can create record and unit offices.
- Record/Unit officers can login and submit the registration bulk data through xml or individual data through online available Form-2, Form-2A and Form-3.



# Service Voter registration

- ❑ DEO's can assign Assembly Constituency to the voter, transfer the form to other DEO's or can notify the record/unit offices for any incomplete information.
- ❑ ERO's can login and Accept if the details are complete and verified or can transfer to other AC's in case the details does not match with his AC. ERO can also transfer back to DEO in case form does not belong to the assigned district. If the details information is incomplete, ERO can mark the form as 'Not Ok' and in that case the form will be notified to the concerned record/unit offices where in they can make the changes and submit back to DEO/RO.

# Electronically Transmitted Postal Ballot System

- ❖ **Electronically Transmitted Postal Ballot System (ETPBS)** – developed by **Election Commission of India (ECI)** with the help of **Centre for Development of Advanced Computing (C-DAC)**
- ❖ The developed System is implemented inline with the existing Postal Ballot System.
- ❖ Postal Ballot will be transmitted through Electronic Means to the voters
- ❖ It enables the voters to cast their vote on an electronically received postal ballot from their preferred location, which is outside their originally assigned voting constituency.
- ❖ This system would be an easier option of facilitating voting by the electors as the time constraint for dispatch of postal ballot has been addressed using this system.

# Electronically Transmitted Postal Ballot System

Returning  
Officer

- Generate PIN
- Generate password protected ETPB for his Constituency (AC/PC)

Record  
Officer

- PIN will be e-transmitted/dispatched to the individual Service Voters using their secure network/infrastructure/SMS/email

Unit Officer

- Download the password protected Postal Ballots on behalf of all the associated Service Voters, in bulk.
- e-transmit/hand deliver to the concerned service voter associated with him

# Electronically Transmitted Postal Ballot System



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Election Commission of India

Electronically Transmitted  
Postal Ballot System (ETPBS)



Overseas Elector



Service Voter



ECI Official

Animated View - Print & Mark Vote

## Messages & Alerts

- ▶ ECI Launches R-Vote for NRI & Service Voters
- ▶ Search your name by EPIC No.
- ▶ Know the election schedule of yours constituency
- ▶ Special Summary Revision 2016
- ▶ Message from the Chief Election Commissioner on the 5th National Voters' Day



Dias members during playing of National Song  
- National Voters Day

## Important Dates

- ▶ Bye-election to the Council of States from Jharkhand.
- ▶ Biennial Election to the Bihar Legislative Council from Local Authorities' Constituencies.
- ▶ Rescinding of announcement for bye-election from 130-Palghar(ST) Assembly of Maharashtra-Regarding
- ▶ Biennial Election to the Andhra Pradesh Legislative

# ECI Portal/Website

- ❑ 100% Availability throughout the year.
- ❑ Total 1150+ Million hits in 12 months and 47 TB data served.
- ❑ More than 1.5 Billion page views.
- ❑ Traffic delivered through CDN
- ❑ 2.5 TB average is delivered every month.
- ❑ Highest request traffic is per second 540 MBSP. total offload is 70% overall.
- ❑ NO hacking attempt was successful.
- ❑ Total 17000 BAD BOTS tried to access/attack ECI.
- ❑ 889000+ high traffic alerts got fired..(High volume alerts/attacks).

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Election Commission of India

Directory | About Us | Gallery  
वेबसाइट हिंदी में देखें  
A A+

Home Elections Results Election Laws & ECI Instructions IIIDEM Communication Tender RTI FAQs Publications

BLO Register App may be downloaded from MaitY Appstore

No Voter to be left behind

OVERSEAS VOTERS' PORTAL

SERVICE VOTERS' PORTAL

Ministry of Defence MEA

राष्ट्रीय मतदाता सेवा पोर्टल  
National Voters' Service Portal

NVSP Video NATIONAL VOTERS' DAY 2015

National Grievances Service - ECI

Voter Information Communication & Education Network  
VOICE.NET

PROPOSED ELECTORAL REFORMS E-Book / Pdf

ASSEMBLY ELECTIONS 2017  
General Elections to the Legislative Assemblies of Himachal Pradesh and Gujarat

Bye-Election 2017  
Current Issues

- National Voters' Day (25th January) 2018 - revised reg.
- Pre-certification of political advertisements in Print Media on the day of poll and one day prior to poll - reg.
- General Election to the State Legislative Assemblies of Meghalaya, Nagaland and Tripura - Transfer/Posting of officers - regarding.
- Pre-certification of political advertisements in Print Media on the day of poll & one day prior to poll - reg. (English / हिंदी)
- Commission's detailed order dated 25.11.2017 in the dispute case of Janata Dal (United).
- Bye-Elections-Release of funds under MPs/MLAs' Local Area Development Scheme. (English / हिंदी)
- Bye-elections to fill casual vacancies in the State Legislative Assemblies of Arunachal Pradesh, Tamil Nadu, Uttar Pradesh and West Bengal- Instructions on enforcement of Model Code of Conduct-regarding. (English / हिंदी)
- Commission's Order dt 23.11.2017 in the dispute Case of AIADMK - regarding.
- Commission's short order dt.17.11.2017 in the dispute case of Janata Dal (United)
- Order passed by the Hon'ble Governor of Maharashtra in Reference Case No.2 of 2015 - regarding alleged disqualification of Shri Phansilav Banditran Munde. M.A.

Voter Awareness/SVEEP  
International Cooperation  
IT & Automation Division  
Political Parties  
Candidates  
Nomination and other Forms  
Election Expenditure Monitoring  
Judicial Division  
Model Code of Conduct  
Service Voter  
Electoral Roll  
Forms for registration in E-Roll

Chief Election Commissioner  
Sh. Om Prakash Rawat  
Election Commissioner  
Sh. Sunil Arora  
Election Commissioner

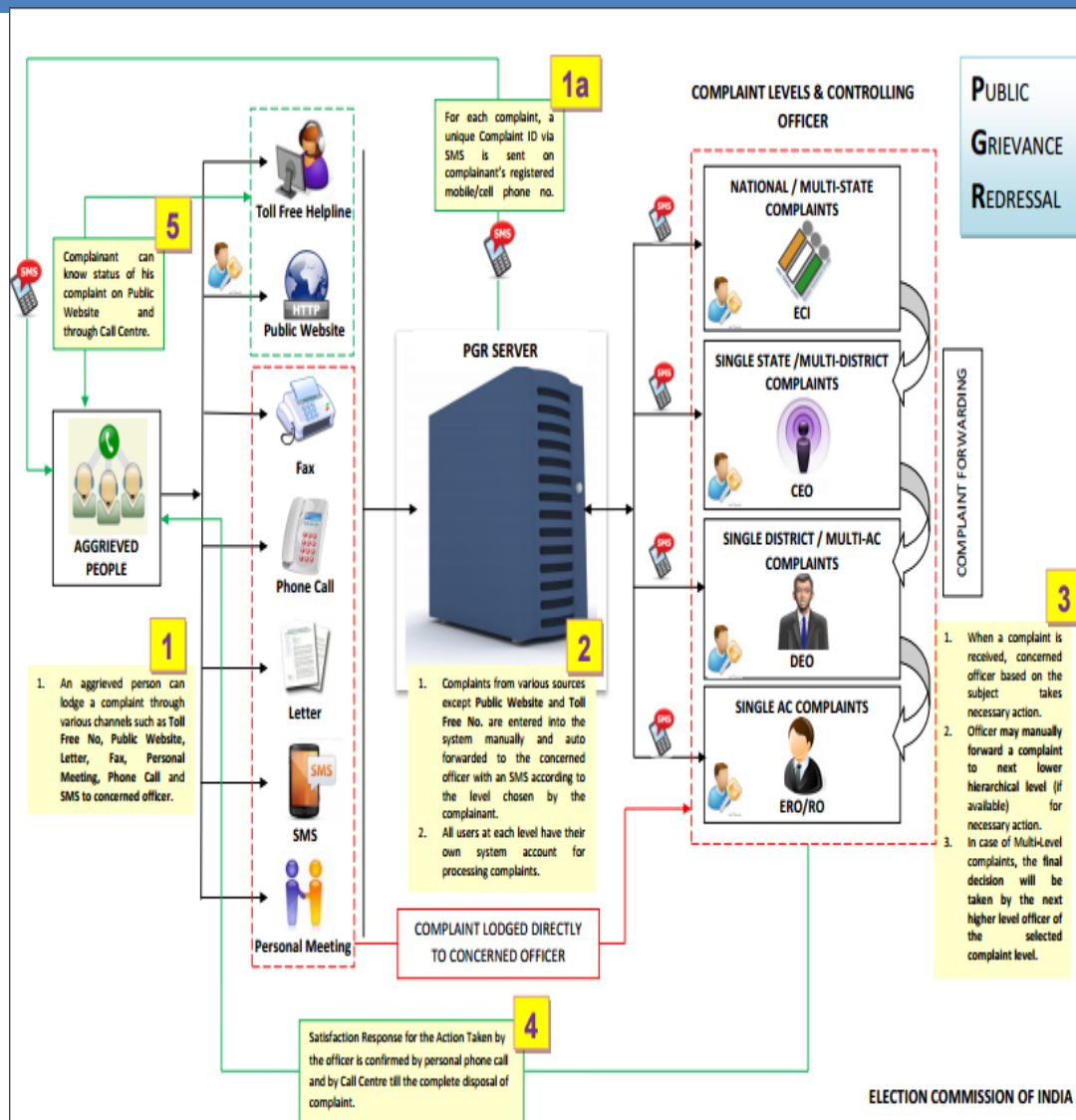
Voter Education Channel  
Name Search in Voters List



# National Grievances Service (NGS)

## Salient Features -

- ❖ Monitor citizens' complaints for quick resolutions
- ❖ Complainant can monitor the progress of resolution status.
- ❖ SMS for communicating with complainant and the responsible officers .
- ❖ Analysis on complaints recorded for election process improvement.
- ❖ Facility of accepting images and video along with complaints filed.





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Election Commission of India

# National Grievances Service

Citizen Login

Officer's Login

Contact Center Agent Login



# Election Monitoring Dashboard

- This is the IT Tool which provides a dashboard of consolidated information, tools and timely reports to officers engaged in election monitoring process at all hierarchical level from top to bottom. This is essential since many processes and cycles continue to function during elections. The major activities can be broadly categorized as
  - Pre-poll
  - Poll day
  - Post-Poll
  - Trends and Result
  - Consolidated reports

Consolidated On: 24-05-2016 12:07 PM

State/UT	AC No & Name	MALE			FEMALE			THIRD GENDER			TOTAL			Last Assembly Turnout In (%)	Last Parliament Election
		Elector	Voted	Turnout In (%)	Elector	Voted	Turnout In (%)	Elector	Voted	Turnout In (%)	Elector	Voted	Turnout In (%)		
Assam	1 - Patkuli	78433	59656	76.06%	69423	52002	75.77%	0	0	0.00%	147856	112258	75.92%	60.60%	73.47%
	2 - Patkuli	82406	64786	78.62%	72518	57395	79.15%	0	0	0.00%	154924	122181	78.87%	74.77%	78.42%
	3 - Kamrup North	86557	66758	74.54%	81915	63534	77.56%	0	0	0.00%	171472	130292	75.98%	68.68%	73.08%
	4 - Kamrup South	84574	67134	79.38%	70058	60947	80.13%	0	0	0.00%	160632	128081	79.74%	72.52%	81.18%
	5 - Badarai	72396	58767	81.17%	66907	53390	80.16%	0	0	0.00%	130003	112157	80.09%	70.81%	74.63%
	6 - Hatahadi	76312	61835	80.77%	68293	50864	74.48%	0	0	0.00%	144505	112499	77.80%	66.50%	75.29%
	7 - Katiachari	83703	66629	79.60%	74777	58267	77.92%	0	0	0.00%	158480	124896	78.81%	74.48%	74.41%
	8 - Algaipar	77687	64975	83.64%	65850	54457	82.70%	0	0	0.00%	143537	115432	83.21%	80.63%	78.20%

# Election related Complaint Monitoring System (Samadhan)

**Samadhan** — It is a Public Grievance Redressal System, Samadhan conceptualized as a Comprehensive system with multiple modes for receiving complaints (through online, toll free (1950) email, mobile application, fax, post, sms ), online processing of complaints, Monitoring and alert mechanism built in Public can track and see ATR.



Election Commission of India

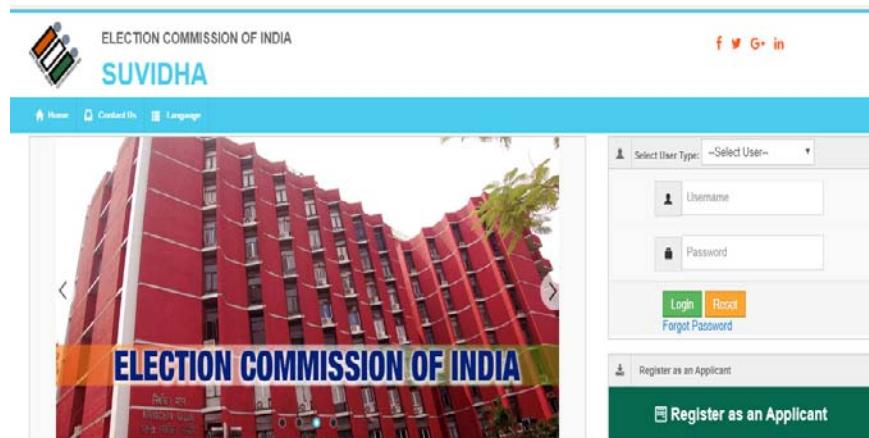
**Samadhan**

Election related Complaint Monitoring  
System

# Single window clearance for permission related to campaigning (**Suvidha**)

A single window system for Candidates and Political Parties to apply for permissions for (Meetings, Rallies, vehicles, temporary election office, loudspeakers, helicopters and helipads etc)

- This system is put in place at every RO level in each sub-division.
- It facilitates for applying, processing, granting and monitoring permissions.



# Management of vehicles hiring and deployment system (**Sugam**)

## Sugam-

- Issuance of requisition letters for vehicles.
- Capturing of vehicle details with address, mobile number and bank details of Owner & Driver.
- Generation of log book.
- Online entry of payment, POL etc. through VMS.
- Transfer of vehicles from one district to another district through VMS.
- Generation of payment calculation chart and release order.
- Information about payment / POL to vehicle owners through SMS.
- Provision of online complaints by vehicle owners regarding payment.

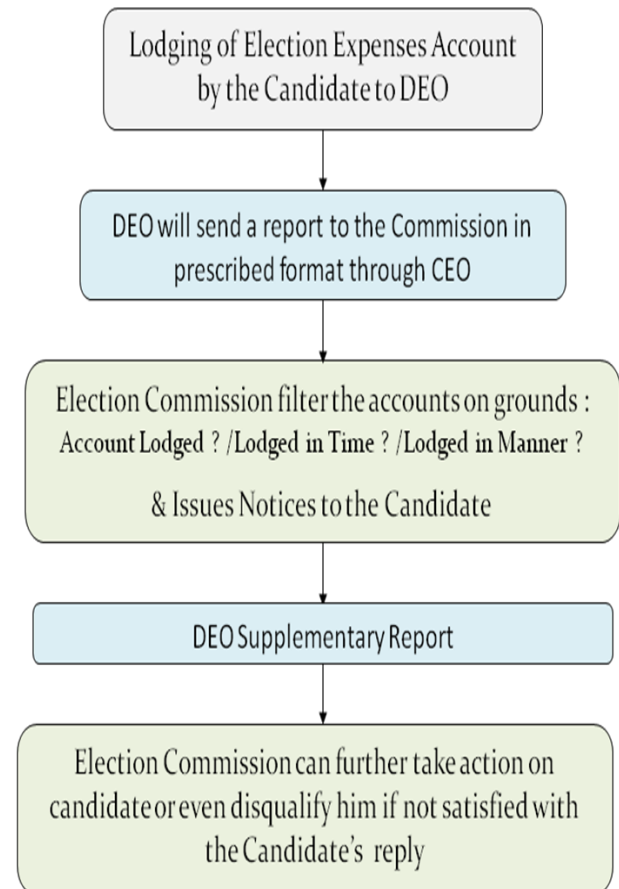


# Election Expenditure Monitoring System

## Salient Features -


- ❖ Monitor Candidate total expenses
- ❖ Monitor Funds given by political party to the candidate
- ❖ Monitor Funds given by others to the candidate
- ❖ Monitor Expense understated or not
- ❖ Monitor Candidate expenses exceed ceiling amount or not
- ❖ EEMS Dashboard with graphs, charts and MIS analysis reports

## Process flow



# Candidate Expenditure e-file

- ❑ Facility for candidates to file their Abstract statement of Election Expenditure online.
- ❑ Candidates can easily register themselves through Election Commission website and file expenditure statement or can take help of ECRP's (Election commission Return Preparer).
- ❑ Details of expenditure and source of funds are captured for further analyses.



## Election Commission of India

[Fill Abstract Statement \(Part I, Part II, Part III\)](#) | [Fill Schedules](#) | [Report](#) | [Finalize](#) | [Change Password](#) | [Help](#) | [Logout](#)

### Schedule-1

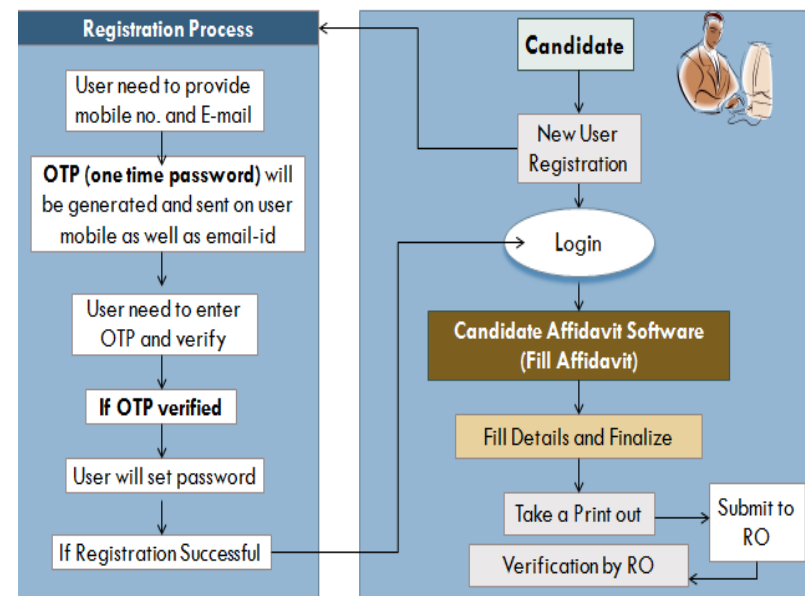
Expenditure in public meeting rally, procession etc. (i.e. other than those with Star Campaigners of the Political Party)

S.No.	Nature of Expenditure	Total amount (In Rs.)	Sources of Expenditure		
			Amt. By candidate/agent (in Rs.)	Amt. By Pol. Party (in Rs.)	Amt. By others (in Rs.)
1	Vehicles for transporting visitors	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Erecting Stage, Pandal & Furniture, Fixtures, Poles etc.	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Arches & Barricades etc.	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	Flowers/ garlands	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	Hiring Loud Speakers, Microphone, Amplifiers, Compares etc.	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
6	Posters, Hand bills, Pamphlets, Banners, Cutouts, Hoardings	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
7	Beverages like tea, water, Cold Drink, Juice etc.	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
8	Digital TV-Boards Display, Projector Display, Tickers Boards, 3D Display	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
9	Expenses on celebrities, payment to musicians, other artists remuneration etc.	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
10	Illumination items like serial lights, boards etc.	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
11	Expenses on transport, Helicopter/aircraft/vehicles/boats etc. charges (for self, celebrity or any other campaigner other than Star campaigner)	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
12	Power consumption/generator charges	0	<input type="text"/>	<input type="text"/>	<input type="text"/>
13	Rent for Venue	0	<input type="text"/>	<input type="text"/>	<input type="text"/>

# Candidate Affidavit e-file

- ❖ The Candidate Affidavit is a portal used for online submission of Candidate's Affidavit. Candidate can go online to ECI website ([eci.nic.in](http://eci.nic.in)) and can submit their affidavit online. Candidate need to take print out of the affidavit submitted online and then get it notarized and submit it to Returning officer (RO). RO need to verify the printed copy with the submission done by the candidate online.
- ❖ Details related to candidate assets and liabilities, court cases, education qualification etc. captured in a systematic format.
- ❖ It's a bilingual system (English and Hindi)

## Process flow-E-filing

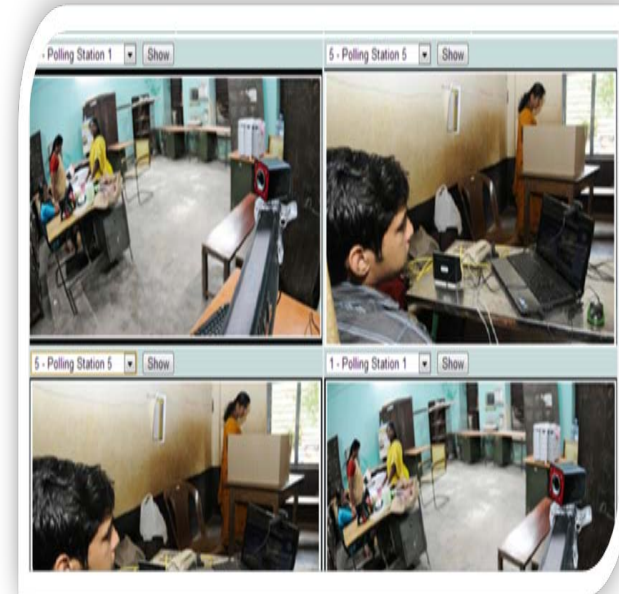


# Web Casting and CCTV at Polling booth

Frame work for web casting of video picked up from within the polling booth has been created using open source software tools. It keeps a check on unwanted activities and help bringing about complete transparency in the voting process. Also it will be a live broadcast. It may be used for AWARENESS to the users as well.

## □ Usefulness of Webcasting

- ❖ To keep a check on illegal activities such as booth capturing, money distribution and bogus voting to bringing about complete transparency.
- ❖ To broadcast and monitor LIVE election process from a distant polling station.
- ❖ To capture faces of voters coming to vote at PS in a sequence for remote viewing by election officials.
- ❖ To spread AWARENESS to participate in Free and Fair Elections.

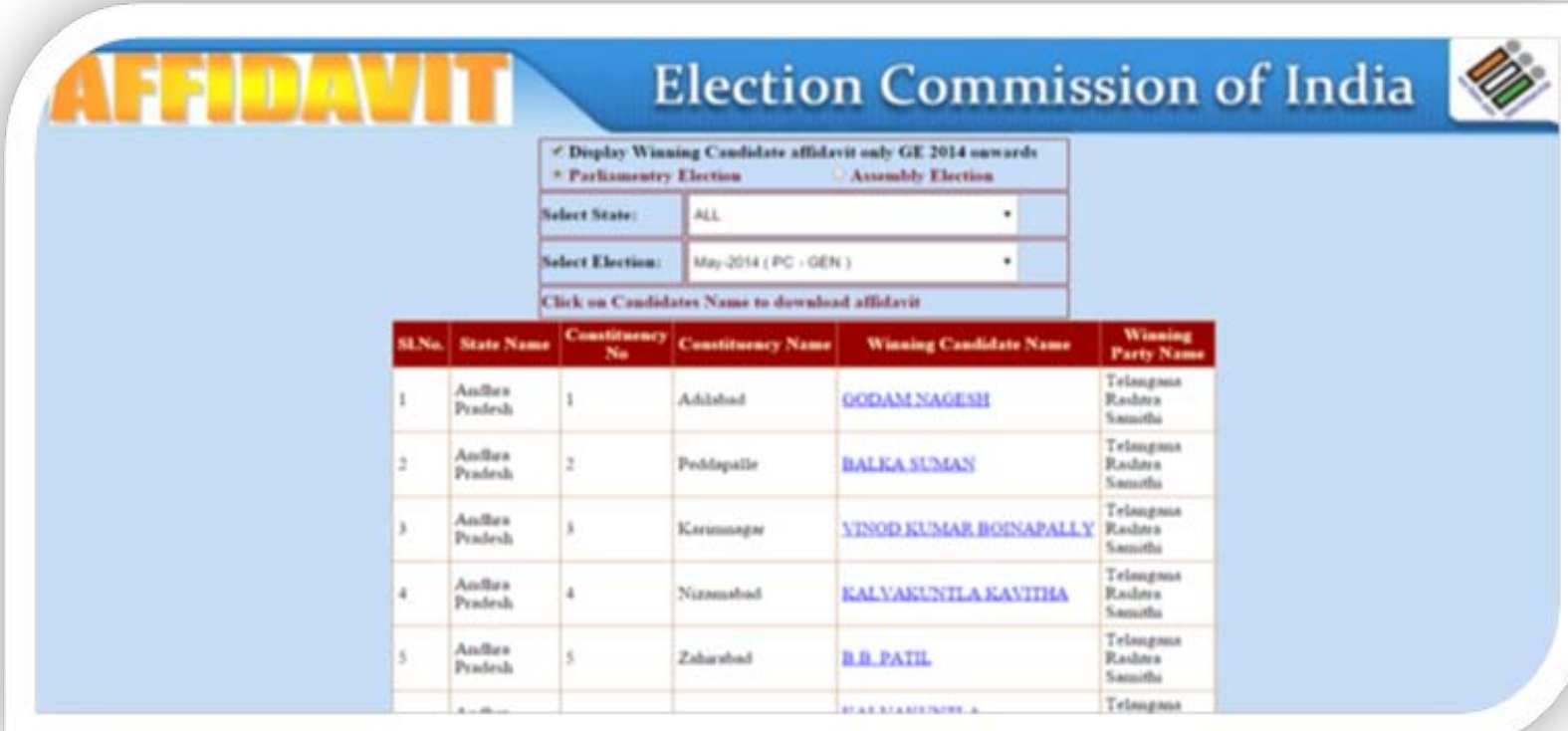




# Candidate Affidavit (Web)

## Salient Features –

- ❖ One can download all candidates' affidavits pages in zip format.



The screenshot displays the 'AFFIDAVIT' portal of the Election Commission of India. It includes a header with the word 'AFFIDAVIT' in large orange letters and the 'Election Commission of India' logo. Below the header, there are filters for 'Display Winning Candidate affidavit only GE 2014 onwards', 'Parliamentary Election', and 'Assembly Election'. Two dropdown menus allow users to 'Select State' (currently set to 'ALL') and 'Select Election' (currently set to 'May-2014 ( PC - GEN )'). A link below the filters says 'Click on Candidates Name to download affidavit'. The main content is a table with 6 columns: SLNo, State Name, Constituency No, Constituency Name, Winning Candidate Name, and Winning Party Name. The table lists 5 candidates from Andhra Pradesh.

SLNo	State Name	Constituency No	Constituency Name	Winning Candidate Name	Winning Party Name
1	Andhra Pradesh	1	Adilabad	<a href="#">GODAM NAGESH</a>	Telangana Rashtra Samithi
2	Andhra Pradesh	2	Peddapalle	<a href="#">BALKA SUMAN</a>	Telangana Rashtra Samithi
3	Andhra Pradesh	3	Karimnagar	<a href="#">VINOD KUMAR BOINAPALLY</a>	Telangana Rashtra Samithi
4	Andhra Pradesh	4	Nizamabad	<a href="#">KALYAKUNTLA KAVITHA</a>	Telangana Rashtra Samithi
5	Andhra Pradesh	5	Zoharabad	<a href="#">B.B. PATIL</a>	Telangana Rashtra Samithi

# Pre-Counting Genesys (General Election System)

This portal is for entering the candidate information that is contesting in the elections. The project involves capturing of election related information (Pre-counting) from all over the country during the General elections (Parliamentary as well as Assembly elections and Bye Election) held in India, processing the same; satisfying various statutory requirements; and publishing it for public dissemination.

## **Salient Features –**

- ❑ To capture information (Pre-Counting) from state head quarters, district head quarters and to disseminate the same through the official website.
- ❑ Capture and display of scanned copy of affidavits submitted by the contesting candidates along with nomination papers and ballot papers.
- ❑ There are various exception reports that can help to the State's CEO to monitor the data entry.

# Counting Application

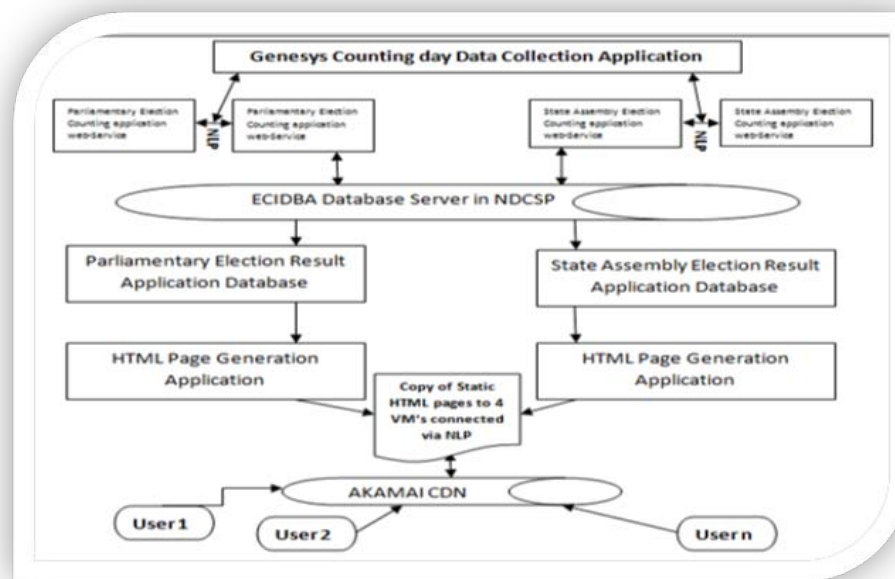
This application is used on the counting day only. The Counting Application is designed for data entry and calculation of EVM votes & postal Ballot votes polled for each contesting candidate, round wise from each counting centre.

## **Salient Features –**

- ❑ Capturing information Round Wise Votes from Counting centers
- ❑ Capturing Postal Ballot information and finalizing Postal Ballot Information.
- ❑ Final Result declaration of AC.
- ❑ All Data Entry operations are available at the RO level.
- ❑ System provides various administrative reports at DEO & CEO level, which are extremely helpful in ensuring correctness of information at various stages.

# Trends and Results Management System

- ❑ Static html page generation for trends and Results Dissemination as per the records is being entered in the counting application. The project involves creating Html files for trends and Results Dissemination during the General elections (Parliamentary as well as Assembly elections and Bye Election) held in India.

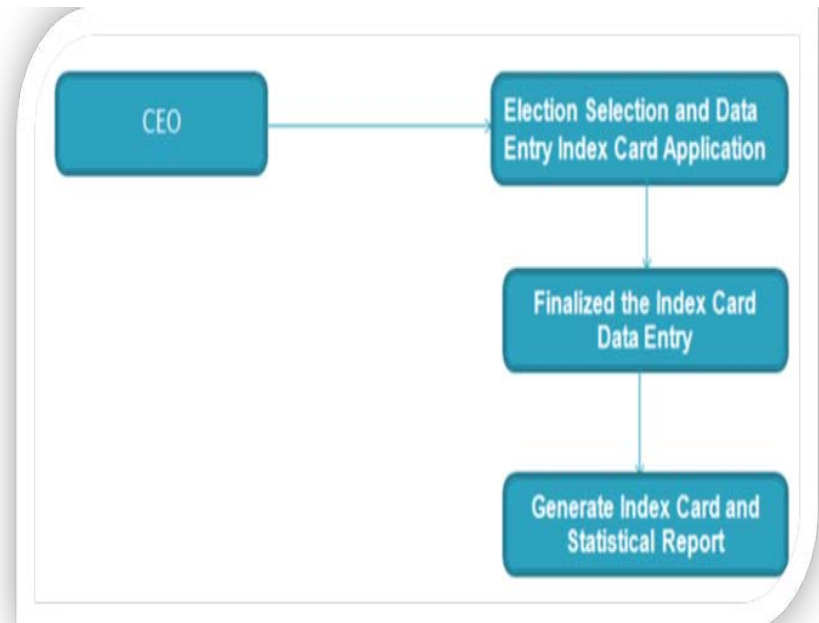


# Index card data entry and Statistical report generation

Statistical reports are generated displaying analysis of the Election results. The Index Card Application for Election is meant for entering complete Election Related information like Candidate wise Nominated, Rejected, Male-Female voters/Electors etc.

## □ **Salient Features –**

- ❖ User can get the statistical reports for current election as well as past election.



# Observer Management Portal

- ❑ This portal is used for purpose of monitoring and sending messages and SMS to the observers that are deployed in various states by the ECI officers. In this portal the ECI views various reports uploaded and filled in digitized format.
- ❑ Salient Features –
- ❑ View Filled Reports ,Uploaded and Poll Day Related Reports by Observers
- ❑ Send messages/SMS to Observers
- ❑ Review Filled Reports
- ❑ They can view the Filled Reports, Uploaded files for Past election.
- ❑ View State wise finalised list
- ❑ Candidate Details - Form 7A

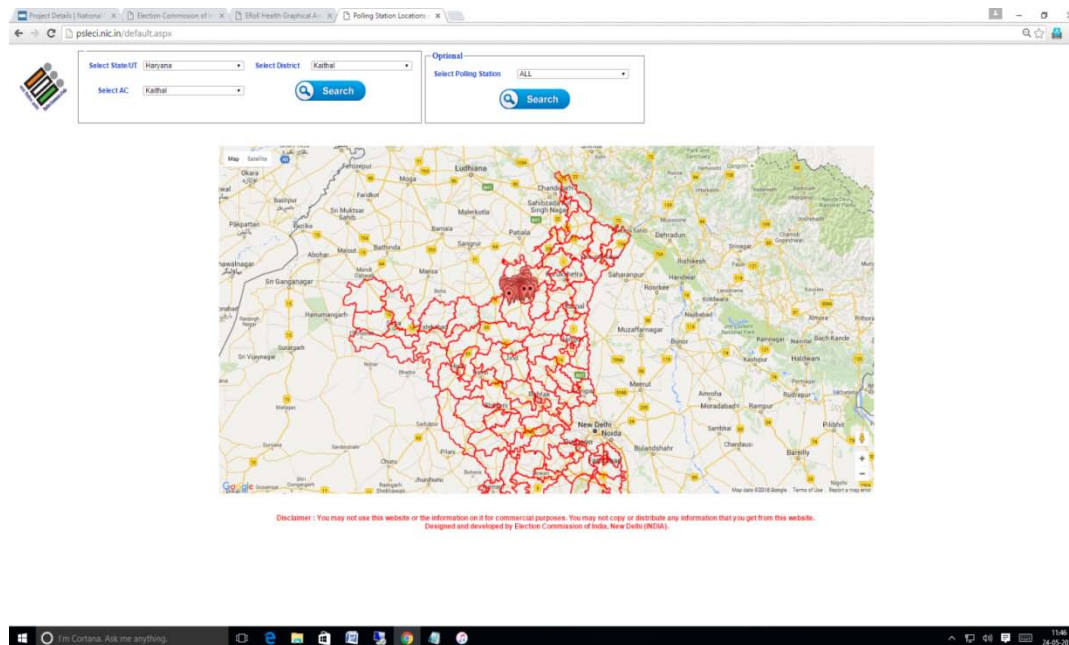
# EVM Tracking system (ETS)

- EVM Tracking entry application is developed for creating a centralized database for CU and BU's distributed across 36 states and UTs of India.
- This Application has to be used at CEO/DEO/Warehouse In-charge/ ECI Admin levels/BEL/ECIL.
- It allows Tracking of Control Unit and Ballot Unit and their location. This application has the facility to create and enter the warehouse details and stock entry of CU and BU. Transfer of CU and BU once entered will not require re-entry of data. It also keeps the check of duplicate entry of CU and BU in all the warehouses across the country. Various Status messages for the CU and BU are being provided. Transfer of machines at the State level, District level and the warehouse level can be initiated by the authorized personnel.

# Geographic information system (GIS)

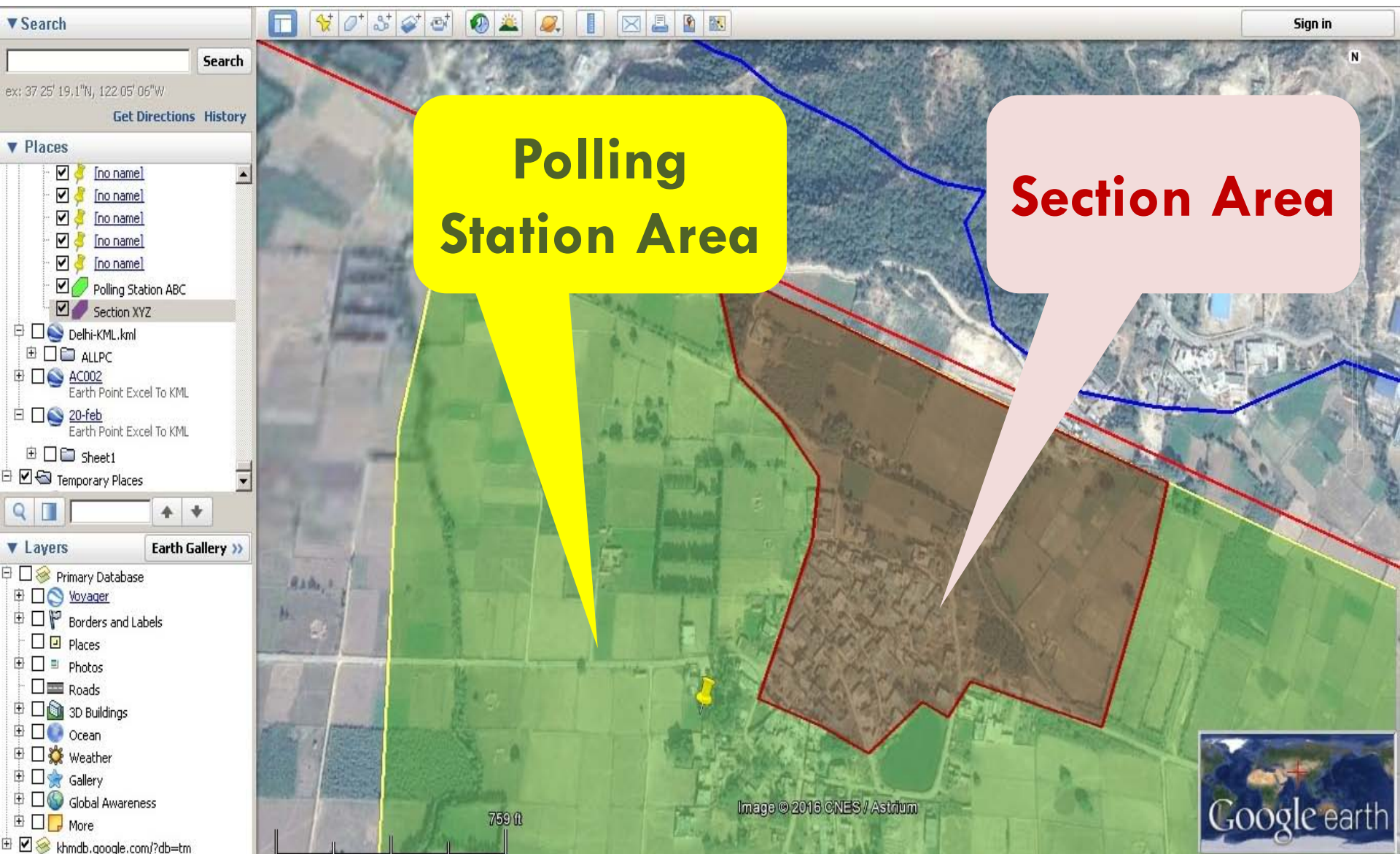
## Polling Station Location on Google map

It is a web based module to help users find their polling station location on Google map. Google map is available as service and is gaining a popularity now. The names of election officials (CEOs, DEOs, EROs, and BLOs along with their mobile no's) is also displayed for polling booths. The electoral roll in pdf format of State / UT is also linked with them.





# Showing Polling station and section area on Google map with the help of GIS



# cVIGIL





# ONE APP TO REPORT **MODEL CODE OF CONDUCT (MCC)** VIOLATION

Status in just 100 Mins





**Thanks**