



Automation of Gram Panchayat

Ch.Leela Poornima¹,Ch.Pavani² ,G.Parameswari³,K.Subhash Reddy⁴

^{1, 2, 3, 4} Pursuing B.Tech (CSE) from St. Ann's College of Engineering. & Technology. Chirala, Andhra Pradesh -, 523 187 INDIA

⁵Dr.A.Veerawamy, Associate Professor , Department of CSE , St. Ann's College of Engineering. & Technology. Chirala, Andhra Pradesh -, 523 187 INDIA

leelacharagulla@gmail.com¹,pavani.0796@gmail.com²,
 parameswari316@gmail.com³,subhashreddy632@gmail.com⁴

ABSTRACT

Now a day's people in the rural areas has to go to panchayat office in their location to apply and get their certificates provided in that office. It requires a lot of time and may result in work delay. The data in the office has to be maintained manually. There is no security for the data and faults can be encountered during entering the data mainly which require higher calculations. People also face so many problems in their area. They complain to their respective ward members but they may or may not respond quickly. There are many other problems in the present day panchayat raj system. So, the E-panchayat provide solutions to all the problems in the current system.

E-Panchayat provides online service to the people living in that area. All the services which are done manually are made online in the project. The people can about their panchayat, activities notifications and all other information related their villages. All the applications and certificates are applied and verified online. The users on the people in the village can complain about their problem through online. Suggestions are also accepted from the people for the development of their village. The user can request any application, suggestion, and complaint at anywhere and at anytime.

The grampanchayat provide birth certificate, death certificate, domicile certificate, receipts for house tax, water tax etc... They give order for construction of road, buildings, renewal of building. They keep records of their monthly & yearly budge

Introduction:

E-panchayat The vast majority of India's population lives in the village and the Panchayat (village level governance units also known as Panchayat Raj Institutions) represent the face of the governance for these villagers.

e-Panchayat is an initiative for providing software solution attempting automation of Gram Panchayat functions. Benefits are improved citizen services, better transparency, streamlining of procedures and monitoring of revenues & services.

- The state Governments have created several Panchayat Raj institutions to ensure grass root level development. At village level the Gram Panchayats are there, these are grass root level institutions.
- The grampanchayat provide birth, death certificate, domicile certificate, receipts for house tax, water tax etc... They give order for construction of road, buildings, renewal of building. They keep records of their monthly & yearly budget.
- E-Panchayat provides online service to the people living in that area. All the services which are done manually are made online in the project. The people can about their panchayat, activity notifications and all other information related their villages. All the applications and certificates are applied and verified online. The users on the people in the village can complain about their problem through online.

Suggestions are also accepted from the people for the development of their village. The user can request any application, suggestion, and complaint at anywhere and at anytime.

Related Work:

The Panchayat represents the low-level in the government activities having more than 60 per cent of the Indian populace and provides a large number of basic services for citizens living in rural area. The aims is to identify and overcome the challenges faced in the villages, such as delay in delivery of services to citizens, lack of flexibility in communication, low revenue mobilization for implementing schemes at the Gram Panchayat level, and lack of monitoring mechanisms for schemes.

e-Governance for Panchayat is considered as a Mission Mode Project (MMP) under NeGP with the primary objective of introducing and institutionalizing e-Governance in Panchayats. The primary aim is to transform Panchayats into efficient units and to strengthen their business functions and processes with the ultimate goal of ensuring effective local area development and prompt and efficient service delivery to common man.

Existing System:

The present system is totally based on the manual data management. It includes maintaining register for records. It includes maintaining register for records. Hands written

certificate for birth, death, domicile etc are provide to the residents. Receipt book are used to acknowledge received amount. The people may or not be available at the time of requirements.

Disadvantages:

- It is very time consuming process.
- The people has to wait for long time for officers.If any officers is not available in the town the process delay.

PROPOSED SYSTEM:

The proposed system is E-Panchayat. Here everything is done online. The activities like applying certificates, giving suggestion and complaints can be done through online. No waiting is required. Even if the officer is not available in the village, he can verify applications online. It is very quick process than the existing system.

Advantages:

- It takes very less time for completion of process.
- The applications and requests can be verified by the officers wherever they are and can take necessary actions.
- It is very easy for giving complaints and suggestions.

Implementation

This project contains 4 modules

- ❖ Admin
- ❖ President
- ❖ Secretary
- ❖ User

Admin:

At first login into the website. He monitors all functionalities carried out in the system. He generates login-id and password to president and secretary. He sent the Request and complaints to the officials.

President:

At first login into the website. Verified certificate sent to the user. The president checks the suggestions and complaints and updates the Budget.

Secretary :

At first login into the website. Verified certificate sent to the admin. The reject certificate sent to the user. Secretary checks the suggestions and complaints and Notifications.

User:

At first register the user. If you already register login into the system. If you want any application and select the application apply it. The users give suggestion and complaints.

Future Scope

- Automation of internal workflow processes of Panchayats
- Improving delivery of services to citizens
- Capacity building of Panchayat Representatives and Officials
- Social Audit
- Transparency, Accountability, Efficiency and RTI compliance of Panchayats
- Improving Governance of local self-government

The e-Panchayat project holds great promise for the rural masses as it

aims to transform the Panchayati Raj Institutions (PRIs) into symbols of modernity, efficiency and transparency. This is one of the kinds of nationwide IT initiative introduced by Ministry of Panchayati Raj that is willing to ensure people's participation in decision making programs, implementation and delivery. The project addresses all aspects of Panchayats' functioning including Planning, Monitoring, Implementation, Budgeting, Accountin, Social Audit and delivery of citizen services like issue of certificates, licenses etc.

CONCLUSION

E-Governance for panchayat provides online services to the people living in that panchayat. It helps for the people in that area to easily complete their work which involves the action of authority of the panchayat people. As everything is made online people can request their applications from anywhere at any time. After requesting the certificate the process will be carried out normally, no need for the people to go to panchayat office every time for the completion of work. It saves people time and they can perform their daily work without any interruption.

By using this users can also post their problems directly to the higher officials and can get them solved. The people can access the website where ever they are in the world. This is user friendly and users can perform their operations easily.

The e- Governance for Panchayat project promises the rural areas that it can transform the Panchayat Raj Institutions into a modern, efficient and transparent areas. The concept of E-panchayat system put a step forward in digitalizing India

Bibliography:

- ✓ <http://www.projectcorner.in/grampanchayat-automation-system-academic-project-java-synopsis/>
- ✓ www.punsarigrampanchayat.in
- ✓ <https://etownpanchayat.com/>
- ✓ <http://mpanchayat.ap.gov.in>
- ✓ wikiedit.org/India/Gandhi-Nagar
- ✓ <http://mpanchayat.ap.gov.in>
- ✓ <http://epanchayat-pris.ap.nic.in>
- ✓ <http://www.cips.org.in/e-panchayat-mission-mode-project>
- ✓ <http://shubharathi.blogspot.in/2015/04/importance-of-e-panchayat-for-rural.html>