

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES::TIRUPATI

(Approved by AICTE & Permanent Affiliation to JNTUA, Ananthapuramu)

NBA & NAAC Accredited Institution

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Abstract

Civil Problem Resolution

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CIVIL PROBLEM RESOLUTION

ABSTRACT:

Civil Problem Resolution is a web-based platform that addresses civic problems of the people living in a community. The objective of the civil problem resolution is to make complaints easier to coordinate, monitor, track and resolve, and to provide effective way of reporting for users. Our application takes up all the problems related to the water, interiors, power supply etc. reported by the community people, for consideration and provide timely resolution. It is completely online based web application where all the people living in a community can post or report his/her problem to the administrator or community head, following which administrator can provide timely acknowledgement and concern to the problems reported, and get resolved by the help of workers and block managers in specified time, thus offering fair resolution to the problem reported by the users.

To facilitate this reporting procedure, our web application will play an instrumental role. Current system is a manual one, where all the problems should be reported either to block managers of community or community head by visiting their offices manually. All the registered users can avail the services of the portal with an appropriate registration. Our application also avoids unauthorized access of people who do not belong to our community by strict well-set authentication at the time user registration. All the essential data is effectively maintained in a centralized database which is available to all the community members simultaneously. No specific training is required for the community members to use this application as every functionality is set to be user friendly.

Requirement Specification

Hardware Requirements

- Processor : Pentium IV 2.4 GHz.
- Hard Disk : 250 GB and above.
- RAM : 4GB.

Software Requirements

- Operating System : Windows.
- Coding Language : Python, HTML5, CSS3.0.
- Frameworks : Django, Bootstrap4.
- DataBase : SQLite.