

Foreword and Editorial

International Journal of Smart Device and Appliance (IJSDA)

We are very happy to publish this issue of an International Journal of Smart Device and Appliance by Global Vision Press.

This issue contains 2 articles. Achieving such a high quality of papers would have been impossible without the huge work that was undertaken by the Editorial Board members and External Reviewers. We take this opportunity to thank them for their great support and cooperation.

The paper entitled “Ingenious Agriculture Monitoring System Using IoT And Blynk”, changes in atmosphere over the last decades had become tremendous changes in the agriculture and the rainfall. Most of the agricultural works are dependent on rain and rainfall, the supply of water to the fields and agricultural lands is more important. Farmers are suffering a lot with the short of rainfall and other issues and the water is the most important aspect or the consideration for the growth of any agriculture related plants or the seeds. Internet of Things plays a key role in helping the farmers by observing the right time and situation for the plants to farm and also for the water to supply the plants at various intervals of time. With IoT, various types of sensors can be used to identify the actual water levels and other temperatures and other parameters to be noted time to time and the immediate actions can be taken. In order to improve the output from these fields, monitoring and providing the required suppliants at right time is more important. In the current work, an IoT based Android and Blynk based application had developed to monitor such parameters and try to provide the required supplements at right time for the better growth of the plants and other types of agricultural fields. By using the current application, the farmers can get the data regarding soil moisture, water level at the roots of the plants, pest control levels to be maintained, humidity on day wise and temperature at various intervals of time. These are some of the important factors to be considered for the better output or better growth of any plants in agriculture. By using this method, the farmers can directly get the data to their mobile phones as the unit was directly connected with the mobile phones of the farmers and they can take the immediate actions based on the data that they are receiving time to time.

In the research paper “Deployment Schemes in WSNs”, wireless sensor networks are gaining importance for the utilization in various scenarios day by day. The impact of utilizing these sensor networks is asking an important note on the day to day available issues in the human life. The working of such people is heavily impacted by these sensor nodes and their impact of working of them. When the nodes are working, they will collect the data from time to time and data will be processed by the machines and the required steps will be taken for the better processing of such data and for better utilization of the resources of devices or several other points to be considered for better utilization. Several models of sensor networks are available for the users or the developers such that to form the various good results. To achieve such good results, the deployment of nodes at various locations with various resources was very important. Hence, in the current article an attempt has been made to present a detailed review on various deployment schemes of nodes in the wireless sensor networks are discussed in detail.

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**Editor-in-chief of the November Issue on
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