



## G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad  
Accredited by NBA & NAAC, an ISO 9001:2015 Certified Institution  
Shaikpet, Hyderabad-500104

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING <GN-R-18> (2022 - 2023) II B.Tech II Sem Hobby Project on "CROP PREDICTION SYSTEM"

## ABSTRACT

Agriculture is the science and art of producing crops and livestock for economic purpose. Farmer is the one who will raise crops to market for consumption, medical use, animal food production and the growing herbal industry. Crop selection plays a vital role in crop production. Usually crop cultivation was undertaken on the basis of farmers hands-on expertise. Farmers are unable to choose the right crop based on soil, season and water level availability, and the process of manually predicting the choice of the right crop of land has, more often than not, resulted in failure. Accurate crop selection results in increased crop production. So, the project's aim is to develop an platform i.e. website where farmers can select a suitable crop for his land in an effortless manner.

\*Dept R&D: Yes / No

\* If No : GNITS

#### H/W & S/W Requirements:

INTEL CORE I5-10210U PROCESSOR.

HARD DISK CAPACITY-500MB

RAM CAPACITY-4GB

PHP, MYSQL, BOOTSTRAP, JAVASCRIPT, HTML, CSS



1251A05H1



DUDIPALA JOTHSNA  
dudipala.jothsna@gmail.com  
8639177012

  
Project Coordinator



21251A05F1

NAMANA LAKSHMI SHIVA  
lakshmishivanamana@gmail.com  
9573615317

  
PRINCIPAL  
G. Narayanamma Institute of  
Technology & Science (for women)  
(AUTONOMOUS)  
Shaikpet, Hyderabad - 500 104  
  
Head of Department