

JUNTPALLY AKSHAY KUMAR

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CAREER OBJECTIVE:

To seek a Professional career with an established organization, looking for a long-term association where individual skills, hard work and honesty are recognized and conducive work culture is provided and ample opportunity to learn and enrich my competencies in my profession

EDUCATION QUALIFICATIONS:

COURSE	INSTITUTION	YEAR OF PASSING	PERCENTAGE/ CGPA
B.E (Electrical & Electronics Engineering)	Malnad College of Engineering Hassan	2020	5.72
PUC	CB Gurukul PU College kardyal	2015	77%
SSC	Vedic Visista the School Tandur	2013	8.3

TECHNICAL SKILLS:

Programming languages: C, C++

Tools: Matlab, Pspice

Office packages: M S Word, M S Excel, M S PowerPoint

ACADEMIC PROJECT:

Title : Solar powered portable crop feeding system using Arduino.

Description: India is the agriculture-based country. Our ancient people completely depended on the agricultural harvesting. Agriculture is a source of livelihood of majority Indians and has great impact on the economy of the country. In dry areas or in case of inadequate rainfall, environmental conditions and inadequate chemical reaction of pesticides with plants, irrigation becomes difficult. So, it needs to be automated for proper yield of water and fertilizer and also to handle it remotely

for farmer safety. Increasing energy costs, decreasing water supplies, calculative weights of manures to the specific plant based on the requirements of plant are point out the need for better crop growing management. Irrigation management is a complex decision-making process to determine when and how much water, fertilizer and pesticides are applied for growing crop to meet specific management objectives. If the farmer is far from the agricultural land he will not be noticed of current conditions. So, efficient water, fertilizer and pesticide management plays an important role in the irrigated agricultural cropping systems.

The traditional way of cultivation is now getting replaced by modern techniques to reduce man power and increase the crop yielding efficiency. Water and fertilizers are the major requirement for the better yield of plant, so based on information of quantity of water and fertilizers that are required per day it is possible to develop a portable system that can feed fertilizers accordingly. This project probes into the design of the automated portable agricultural system based on Arduino Uno programme

EXTRA CURRICULAR ACTIVITIES:

- Participated in the Student Training Program on *Real Time Analysis of Systems Using MATLAB* under TEQIP-III organized by Dept. of EEE, MCE Hassan

PERSONAL STRENGTHS:

- Quick learner
- Ability to produce best results in pressure situations
- Ability to work individual as well as in a group
- Flexibility and adaptability to work in any environment
- Strong motivational and leadership quality
- Strong interpersonal skills

PERSONAL PROFILE:

Date of Birth : 02-05-1998
Gender : Male
Nationality : Indian
Languages Known : Kannada, English, Telugu and Hindi
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