

PRASHANTH KUMAR U S

E-mail: prashanthkumarus@gmail.com

Mobile: +918277083010.

Objectives: To excel in the professional career by doing hard work and being an astute learner want to build an innovative career in an esteemed organization and thus achieve self-development by playing significant role in building the organization.

Academics

INSTITUTE	COURSE	YEAR	MARKS OBTAINED
JNNCE, Navale, Shimoga.	B.E (E and C)	2011-2015	78.28%(7 sem)
DVS Composite PU College, Shimoga.	II PUC	2010-2011	87.34%
DVS Composite High School, Shimoga.	SSLC	2008-2009	87.84%

Technical Skills

- Basic programming knowledge in C and Embedded C.
- HDL Programming in both VHDL and Verilog.
- Assembly language programming for 8051 and 8086.
- Technical paper presentation.
- A good hold on Microsoft PowerPoint and Word.
- Good knowledge in Analog and Digital Electronics.

Projects

➤ “MICROCONTROLLER BASED ACCIDENT AVOIDING SYSTEM”

- A robotic vehicle was constructed in a need for reducing road accidents.
- An intelligence system was developed to maintain the vehicle in a specified path-Line Follower.
- It was equipped with obstacle sensors to avoid the accidents.

The project idea was awarded 2nd prize in a project exhibition competition conducted by Spectrum for EC and TC at JNNCE, Shimoga.

➤ “VIDYUTH VIA JALANALAM”

- Effective utilization of kinetic energy of the water flowing in the water pipes was done.
- It was equipped with a turbine made by us (our team). A circuit was built to get the charge from the generator and to store the same.
- It can be used charge to low power portable devices.
- It has found its use in charging mobile and other low power equipment.

This was exhibited by our team in the final round exhibition of Anveshana-a state level project exhibition conducted by an international foundation Agasthya, in partnership with synopsis.

➤ **“SMART EMBEDDED SYSTEM FOR LPG CYLINDERS”**

- By considering the hazardous accidents caused by gas leakage, an embedded system is built which senses the gas leakage and automatically shut down the regulator if leakage occurs. MQ-6 gas sensor is the heart of the project.

This was funded by ASPIRE- Alumni Support to Promote Innovative Research in Engineering in JNNCE.

➤ **“KRISHI MITRA”**

- Recognition and Grading of Disease and Pest Attack in Paddy Crop using Image Processing and Cloud Computing Technologies.
- Aim of the project is to build an embedded system that can detect the disease attacked to crops and provide solution to the disease; thereby preventing further loss in the yield.
- In this project, LeafBlast and Udbatta diseases are recognized through image processing.

This is the project submitted to Visvesvaraya Technological University, Belagavi in partial fulfillment of award of degree of bachelor of engineering in Electronics & Communication Engineering.

Achievements

- Secured **1st Prize** in a national level competition-Engineering for Next Generation (EngiNx-2014) conducted by Tata Consultancy Services (TCS).
- Secured **1st Prize** in a national level circuit debugging competition organized by TECHZONE-2014 at JNNCE College, Shimoga.
- Secured **1st Prize** in a National Level Technical Symposium's Hobby project competition held at SIT College, Thumkur.
- Secured **2nd Prize** in a national level paper presentation competition held at GMIT College, Davangere, for the paper titled “Contact Lenses to Monitor Diabetes”.

About Me

- Hard working as well as smart working, can handle stress and zeal to learn new things are my strength.
- Hobbies
 - Reading books
 - Watching cricket
 - Listening to music
 - Practicing Yoga
- Extracurricular activities
 - Athletics
 - Sports

Personal Information

Name : Prashanh Kumar U S
Date of Birth : 13/06/1994
Father's Name : Sanjeev
Mother's Name : Devaki Sanjeev
Sex : Male
Nationality : Indian
Languages Known : Kannada, English and Hindi
Permanent Address : Prashanth Kumar U S,
S/o Sanjeev,
Sharavathi Nagar,
Near Aralikatte,
Sagar Road,
Shimoga-577201

Declaration

I hereby declare that the information furnished above is true to best of my knowledge.

Date : 19/06/2015.

Place : Shimoga.

Prashanth Kumar U S
