# ASWIN S

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## SUMMARY

Intrested in Areas of computer science and looking forward to work in those areas thereby enjoying the work.

## AREA OF INTEREST

- Computer Networks
- Database
- Operating System
- Computer Organization and Architecture.
- Algorithm and Data structures

## EXAMS TAKEN

- GATE CS 2018 - QUALIFIED
- GATE CS 2019 - QUALIFIED
- GATE CS 2020 - QUALIFIED

## EDUCATION

| | | | |
|---|---|---|---|
| EXAMINATION | X | XII | B.Tech/B.E. |
| UNIVERSITY | State Board | State Board | Amrita Viswa Vidhyapeetham |
| INSTITUTE | Vigneshwara Vidhyalaya Matric Hr. Sec. School | Vigneshwara Vidhyalaya Matric Hr. Sec. School | Amrita School Of Engineering |
| YEAR | 2011 | 2013 | 2017 |
| CPI/PERCENTAGE | 89.20% | 91.25% | 7.08/10.00 |

## SKILLS

DATABASES: Mysql

PROGRAMMING LANGUAGES: C, C++

## CERTIFICATES

NPTEL ONLINE CERTIFICATION

*Score - 71/100*

*Certification Link* - https://onlinecourses.nptel.ac.in/

It is an online course on DATABASE MANAGEMENT SYSTEM. This certification was provided by the weekly assessment and a final exam conducted by IIT Kharagpur.

NPTEL ONLINE CERTIFICATION

*Score - 68/100*

*Certification Link* - https://onlinecourses.nptel.ac.in/

It is an online course on INTRODUCTION TO INTERNET OF THINGS. This certification was provided by the weekly assessment and a final exam conducted by IIT Kharagpur.

## PROJECTS

INTERNET OF THINGS BASED APPROACH FOR OPEN PRECISION FARMING

17 Oct'16 - 18 May'17

- The main aim is to develop a working prototype of Internet of Things based approach on open precision farming, where it increases the efficiency in farming by reducing the wastage of water and monitoring the fertility of soil.
- In order to connect with the Internet of Things we use a Wi-Fi module called ESP8266. ESP8266 is a cost efficient wifi chip which contains transmission control protocol/internet protocol and microcontroller unit.
- In order to monitor the temperature and humidity of soil DHT11 sensor can be used.
- These sensors are connected to the wifi module and programmed to send the data to one of the cloud platform called ThingSpeak where the temperature and humidity of the sensor can be monitored in real time.

## PAPERS

INTERNET OF THINGS BASED APPROACH FOR OPEN PRECISION FARMING

**Internet of things based approach for open precision farming, 4 Dec'17**

Authors - C. Kishore Kumar, Mohammed M. Ibrahim, Neerumalla Mani Srikanth, S. Aswin, K. P. Peeyush

The main aim is to develop a working prototype of Internet of Things based approach on open precision farming, where it increases the efficiency in farming by reducing the wastage of water and monitoring the fertility of soil https://ieeexplore.ieee.org/document/8126176/references#references