**Yadukrishnan SP**

SP Bhavan, Akkuttivilakom, Perumkadavila PO Thiruvananthapuram, Kerala, India - 695124

# EDUCATION

## **COLLEGE OF ENGINEERING TRIVANDRUM**

B. Tech Electronics and Communication Engineering Kerala University, CGPA - 7. 73

Kerala Entrance Rank- 497

## **GOVT.H.S.S.KEEZHAROOR, TRIVANDRUM**

Xll (The Board of Higher Secondary Examination Kerala) Percentage marks- 92.33(March 2012)

X (Kerala Board)

Percentage Marks- 95 (March 2010)

# ACADEMIC PROJECTS

## **IEEE SIGNAL PROCESSING CUP 2016**

* Submitted an IEEE paper on ‘Exploring Power Signals for Location Forensics of Media Recordings’ for an International Competition conducted by IEEE Signal Processing Society (IEEE SP Cup 2016),which was a Matlab coding competition.

## **BLUETOOTH AUDIO STATION**

* Designed a working model of a small Bluetooth device that delivers audio signals from mobile phones to amplifiers, speakers and headphones creating a wireless audio system.

## **INDOOR ASSISTANT FOR BLIND**

* Developed a device that could help the blind people read the texts that occur in natural scene images. This is done by real time computer vision and Text-to-Speech conversion. Using this we can navigate blind people in indoor with the help of Wi-Fi tracking.

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# CAREER OBJECTIVE

To obtain an arduous and progressive position in a growing industry, where I can utilize my artistic and creative ideas in collaboration with logical and mathematical skills to achieve the industry’s goals and customer satisfaction.

# SKILLS

* + Electronic Circuit Design
  + Matlab coding
  + C++
  + Numerical Analysis
  + Problem solving
  + Leadership

**ACHIEVEMENTS**

* Served as the Joint secretary at National Service Scheme, CET unit and organized various camps and programs in college.
* Scholarship recipient of MEA (Malayalee Engineers' Association of Houston, Texas, USA)
* Wrote and directed a short film on gender equality, which won First prize in a state level competition conducted by NSS Tech Cell Kerala.
* Represented college in Kerala University Youth Festival 2016 for skit competition.

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# EXPERIENCE

## **BSNL**

* Attended full time training course on Basic Telecom Technologies conducted by BSNL.

## **RADIO CET 2015**

* Served as the technical head of temporary radio station (RadioCET) of college , which was launched during CET-EX (Technical Exhibition).

# INTERESTS

* Story writing
* Watching movies
* Watching cricket

# LANGUAGES

English, Hindi, Malayalam