

## RESUME

Vinod Kumar Nayak  
#9-12-30, Maddipet,  
Gadwal Road,  
Raichur - 584102



### OBJECTIVE

To become a successful professional by being associated with a progressive organization, this helps me to contribute effectively towards the growth of the organization and enables me to apply my knowledge and skills to cater to the latest technological needs and challenges.

### EDUCATION

#### MASTER OF SCIENCE:

College : Post Graduate Centre Gulbarga University, Raichur  
University : Gulbarga University, Gulbarga.  
Branch : Instrumentation Technology.  
Aggregate : 67.12%  
Year of Passing : 2015

#### BACHELOR OF SCIENCE:

College : LAXMI VENKATESHWARA DESAI College, Raichur.  
University : Gulbarga University, Gulbarga.  
Branch : Electronics, Mathematics, Physics.  
Aggregate : 63.46%  
Year of Passing : 2013

### Others

I have completed Diploma in Spoken English at VIOL, Ramakrishna Math, Hyderabad.

### TECHNICAL SKILLS

#### **Programming Language:**

- a. Low Level: 8086MP, 8051MC, C8051F020, TMS320c5x, ARM LPC2129.
- b. High Level: C, Embedded C, MATLAB, Tally.

**Packages:** MS-Office

**Platforms:** MS-DOS, Windows XP/7/8.

### INDUSTRY TRAINING

**Company:** Sorokasoft India Private limited

**From:** 25th March 2015 to 28th May 2015

**Role:** Academic project carried

### AREA OF SPECIALIZATION:

1. Microcontrollers
2. Embedded systems
3. Electric and Electronic Instrumentation

## **Academic project**

**Title: Development of CPAATS Horn Antenna Control System through 1:4 RF Switch Matrix.**

### **Abstract:**

CPAATS which stand for C-Band Phase Array Antenna Test System, is a automatic test system for testing PCM (Phase Control Module) array antenna. Phase array antenna consists of PCM array.

PCM array antenna divided into four quadrants. Network analyzer provides an RF signal which is transmitted through 1:4 RF switch matrix. This 1:4 RF Switch Matrix used for selecting the horn antennas with respect to the quadrants position. For testing the four quadrants respectively we are using the four horn antennas. Horn Antennas used for RF radiation which route the RF signal to the four quadrants. This RF out signal receives through the one PHF out of 34 PHF (Probes Holding Fixture) using 36x1 Switch Matrix. This RF out signal receives the Network analyzer then it shows the status of the PCM. The project is based on, selecting either of four horn antennas using 1:4 RF switch matrix with respect to the quadrants position.

### **PERSONAL DETAILS**

|                 |   |
|-----------------|---|
| Name            | : Vinod Kumar Nayak                             |
| Date of Birth   | : May 25, 1991                                  |
| Place of Birth  | : Raichur                                       |
| Sex             | : Male  |
| Nationality     | : Indian  |
| Father's name   | : Sri. Urukundappa                              |
| Mother's name   | : Smt. Padmavathi                               |
| Mother tongue   | : Kannada                                       |
| Languages known | : Kannada, English, Hindi, Telugu.              |
| Strength        | : Electronics and Computer (basic) lab handling |
| Mobile          | : +919902327268, 9060511893                     |
| E-Mail          | :vinodurukundappa55@gmail.com                   |

### **HOBBIES & INTERESTS**

Playing Chess, Cricket, Writing stories, Reading books.

### **EXTRA CURRICULAR ACTIVITIES**

I got first prize in Chess Competition in Degree

### **DECLARATION**

I do hereby declare that the information furnished above are true and best of my knowledge.

**Your's faithfully**

**PLACE: RAICHUR**

**DATE:**

**(VINOD KUMAR NAYAK)**