

## RESUME

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**Total Experience till date: Around 18 years**

### EDUCATIONAL QUALIFICATIONS:

| Qualification | Branch                                    | Year of passing                                       | College/ Board                           | University                             |
|---------------|---|---|--|--|
| S.S.C         | --  | 1994  | SKPVV HINDU HIGH SCHOOL VIJAYAWADA,AP    | STATE BOARD OF SECONDARY EDUCATION, AP |
| INTER-MEDIATE | MPC                                       | 1996  | NALANDA JUNIOR COLLEGE VIJAYAWADA,AP.    | BOARD OF INTERMEDIATE EDUCATION        |
| M.SC          | Electronics                               | 2001  | BAPATLA ENGINEERING COLLEGE              | ACHARYA NAGARJUNA UNIVERSITY GUNTUR    |
| M.TECH        | COMMUNICATION AND RADAR SYSTEMS           | 2008  | KONERU LAKSHMAIAH COLLEGE OF ENGINEERING | ACHARYA NAGARJUNA UNIVERSITY GUNTUR    |
| PHD           | NEW ADVANCED DEFENCE ANTENNAS DEVELOPMENT | Pursuing (90% of Research Work is Completed with DLRL | KL UNIVERSITY                            | ACHARYA NAGARJUNA UNIVERSITY GUNTUR    |

|  |  |                     |  |  |
|--|--|---------------------|--|--|
|  |  | technical support.) |  |  |
|--|--|---------------------|--|--|

### **PUBLICATIONS IN JOURNALS/ CONFERENCES**

| International Journals | International Conferences | National Conferences | Total Number of Publications |
|------------------------|---------------------------|----------------------|------------------------------|
| 12                     | 03                        | 15                   | 30                           |

### **EXPERIENCE:**

| sno | Name of the Organization                               | No. of Years | Designation     | Nature of Duties       |
|-----|--|--------------|-----------------|------------------------|
| 1.  | MIC ELECTRONICS PVT LTD, HYDERABAD                     | FIVE         | DESIGN ENGINEER | DESIGN AND DEVELOPMENT |
| 2.  | ADITYA COLLEGE KAKINADA                                | 2 YEARS      | FACULTY         | Teaching               |
| 3.  | KL College of Engineering (KLCE). Vaddeswaram, Guntur. | 2008 to 2009 | Faculty         | Teaching, R&D          |
| 5.  | KL University  | 2009 to 2016 | Faculty         | Teaching, R&D          |
| 6   | Vikas college of Engineering and Technology            | 2016 to Till | Professor       | Teaching R&D           |

### **INDUSTRIAL EXPERIENCE:**

| Sl.NO | Organization            | No. Of Years | Designation     | Nature of work                             |
|-------|-------------------------|--------------|-----------------|--|
| 1.    | MIC ELECTRONICS PVT LTD | 5            | DESIGN ENGINEER | DESIGN AND DEVELOPMENT OF TELECOM PRODUCTS |

### **R& D DETAILS**

Details of research grant received from different agencies during the last five years: *Involved in the following R &D Projects.*

| Title of the project  | Amount sanctioned<br>In lacks | Funding Agency                                     |
|---|-------------------------------|--|
| Expendable Transmitters and Revivers  | 4.50                          | Defence Electronics Research Lab, (DLRL), DRDO     |
| Theoretical studies on Phased arrays for Satellite link                     | 8.50                          | Defence Electronics Applications Lab, (DEAL), DRDO |
| Radome Design   | 5.82                          | RPS(AICTE),New Delhi                               |
| Design for Optimization of Phased Array Antennas                            | 10.3                          | UGC, New Delhi                                     |
| Design feasibility study for a single directional antenna for L and S bands | 13.01                         | ISRO, Bangalore                                    |
| Harmonic Analysis of Communication Receivers                                | 8.3                           | Defence Electronics Research Lab, (DLRL), DRDO     |

### **ADMINISTRATIVE SKILLS**

| Item | Visiting Committee                              | Institution               | Nature of duties          | Result             |
|------|---|---------------------------|---------------------------|--------------------|
| 1    | NBA Accreditation Team                          | KL College of Engineering | Teaching learning Process | Five Years         |
| 2    | Autonomous Team                                 | KL College of Engineering | Final PPT preparation     |                    |
| 3    | UGC NAAC Engineering College Accreditation Team | KL College of Engineering | Dept. NAAC Coordinator    | 3.71/4.00( A Grade |
| 4    | UGC/AICTE University Permission Team            | KL College of Engineering | Dept. Coordinator         | KL University      |

|   |  |                  |                           |                    |
|---|--|------------------|---------------------------|--------------------|
| 5 | UGC NAAC<br>University<br>Accreditation Team | KL<br>University | Dept. NAAC<br>Coordinator | A<br>(3.16/4)Grade |
|---|--|------------------|---------------------------|--------------------|

- Actively participate in AICTE Seminar on “Vision 2020” organized by Department of ECE, K L College of Engineering. 2007
- Actively participate in AICTE Staff Development Programme on “Modern Communications” organized by Department of ECE, K L College of Engineering. 2007.
- INCHARGE FOR ADMINISTRATIVE REPORTS
- INTERNATIONAL RELATIONS INCHARGE
- ALUMNI INCHARGE
- KLUGYE CENTRAL LEVEL CELL INCHARGE
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#### **TRAINING PROGRAMS ATTENDED:**

- NI Lab view Training from NI, India

#### **ACHIEVEMENTS:**

1. BEST ENGINEER AWARD BY MIC ELECTRONICS PVT LTD
2. BEST RESEARCH PAPER AWARD BY QIS ENGINEERING COLLEGE, ONGOLE.
3. BEST APPRECIATION CERTIFICATE FROM DLRL, HYDERABAD FOR DOING PHD WORK WITH THEIR TECHNICAL SUPPORT.
4. GIVEN GUEST LECTURE ON WIRELESS COMMUNICATION ANTENNAS DESIGN AS A RESOURCE PERSON IN MVR COLLEGE OF ENGINEERING
5. GIVEN GUEST LECTRE ON RESEARCH AND DEVELOPMENT IN THE SILVER JUBLIEE FUNCTION HELD AT VR SIDDHARTHA ENGINEERING COLLEGE, VIJAYAWADA.

#### **SEMINARS & WORKSHOPS ATTENDED:**

1. Two days AICTE Seminar on “Vision 2020” organized by Department of ECE, K L College of Engineering, 2007.

2. Eleven days AICTE Staff development Program on “Modern Communications” organized by Department ECE, K L College of Engineering, 2007
3. 7 days Indo – US collaboration for Engineering Education (IUCEE) program on “Antenna & Wave Propagation” organized by KL University, 2010.

**Subjects Taught:**

- 1) **Design of Electronic Systems**
- 2) **Digital Logic Design**
- 3) **Electronic devices and circuits**
- 4) **Digital communications**
- 5) **Satellite Communications**
- 6) **Analog communications**

**STRENGTHS:**

Technical CAD Software

1. NI Lab view
2. NI Multisim

Technical Computing Languages

1. Matlab 2012a

**PRESENT RESEARCH WORK STATUS:**

- 1) READY WITH GOOD R & D PROPOSAL CERTIFIED BY EXPERTS SUBMITTED TO DST.
- 2) ALSO TWO IMPORTANT PROJECTS BASED ON CURRENT TECHNOLOGY READY FOR THE SUBMISSION TO ISRO AND DLRL.