

# **RESUME**

## **A. MAHESH BABU**

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**Contact number:** +91 8977774922.

### **OBJECTIVE:**

To build career with a leading organization managed by committed and dedicated professionals, which will help me to explore my knowledge in the field with a challenging work environment.

### **ACADEMIC PROFILE:**

YEAR of STUDY	COURSE	NAME of INSTITUTION	BOARD/ UNIVERSITY	% OF MARKS SCORED
2019-*	Ph.D.	JNTU KAKINADA	JNTU KAKINADA	---
2012-14	M.TECH(Radar & Microwave)	ANDHRA UNIVERSITY	ANDHRA UNIVERSITY	9.30(CGPA)
2007- 11	B.TECH(E.C.E)	LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY	77.85
2005-07	INTERMEDIATE	GOWTHAM JUNIOR COLLEGE	BOARD OF INTERMEDIATE EDUCATION	93.50
2004-05	SSC	Z.P HIGH SCHOOL	BOARD OF SECONDARY EDUCATION	87.33

### **EXPERIENCE:**

- Pursuing Ph.D. at JNTU Kakinada from January 2019.
- Presently working as Assistant Professor in GVP School of Engineering, Rushikonda from September 24, 2015 to till date.
- Worked as Assistant Professor in LENDI college from May 4<sup>th</sup> to September 23<sup>rd</sup> 2015

### **TECHNICAL SKILLS:**

- **Programming Languages:** C and MATLAB, HFSS,CST STUDIO

### **ACADEMIC ACHIEVEMENTS:**

- Have subject knowledge on Signals and Systems, Digital Signal Processing, Control Systems, Microwave Engineering, Optical Fiber communications and Wireless Communications.

- 5 Times UGC-NET Qualified.
- 5 Times GATE Qualified.
- Got merit scholarship at college level.
- Stood university 3<sup>rd</sup> in M.Tech.

#### **EXTRACURRICULAR ACTIVITIES:**

- Secured a certificate of participation for attending the **MATLAB** workshop KSHETRAGN 2010 a national level technical symposium in **GITAM UNIVERSITY**.
- Organizer for NWASP-13 conducted by dept. of ECE, ANDHRA UNIVERSITY.
- Participated in international conference **NAVCOM-12** organized by **DRDO** and **OU**.

#### **STRENGTHS**

- Determination towards work
- Self confidence

#### **PROJECTS:**

- Guided 4 B.Tech Projects.

#### **M.TECH:**

Title: Performance Analysis of wired and Wireless Communication Systems

Duration: 1 year

Software Requirements: MATLAB

#### **B.TECH:**

Title: NLMS Algorithm for Adaptive Filters

Duration: 5 months

Software Requirements: MATLAB

#### **PUBLICATIONS**

- “Performance evaluation of standard positioning service GPS receiver with LS and LQ estimations over southern region of Indian sub continent”, IEEE “ICSEMR-2014”, dated Nov 27<sup>th</sup> -29<sup>th</sup> ,2014, PP:12.
- “GPS receiver SPS accuracy assessment using LS and LQ estimators for precise navigation”, 11<sup>th</sup> IEEE India conference “INDICON-2014”, dated December 11-13, 2014, PP:65-66.
- “Validation of Rayleigh PDF/CDF using real time mobile phone received data”, IEEE “EESCO-2015”, dated Jan 24-25, pp:924-927
- “Mobile radio propagating channel characterization and its performance analysis”, IEEE “EESCO-2015”, dated Jan 24-25,2015

- “Analysis of Rayleigh PDF/CDF using real time mobile phone received data”, ESPACE, IEEE Co-Sponsored Conference dated Feb 20-21,2015, pp:17
- “MAF Application for separation of fast and slow fading”, NECICASPC-2K15,13<sup>th</sup>-14<sup>th</sup> july,2015
- “Jacobian Matrix Based Channel Estimation Algorithm for B3G Cellular Communication Systems”, International Journal of Engineering Sciences Research(IJESR), Vol 07, Special Issue, January 2016, ICMEET-2015.
- “Performance Analysis of Phased Array, MIMO and Phased -MIMO Radars”, International Research Journal of Engineering and Technology (IRJET), Volume: 05 Issue: 03, Mar-2018.
- ‘Performance Analysis of STBC Channel Coding Techniques for LTE Advanced Systems’ International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 7 Issue IV, Apr 2019
- Published a paper on IEEE International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) on 13th,14th December 2019 organized by GSSS Institute of Engineering & Technology for Women. (**IEEE Explore**).

#### **WORKSHOPS ATTENDED**

- Participated in a workshop on **Python Programming** at **GVP College of Engineering** from 21<sup>st</sup> May to 30<sup>th</sup> May 2018.

#### **FDP/STTPs ATTENDED**

- Attended Online Faculty Development Program on “Antenna Design and Analysis using FEKO” from 22.06.2020 to 24.06.2020 organised by GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (A).Visakhapatnam.
- Successfully Completed Online STTP on “Internet Of Things and its Applications in Industry” organised by Ramrao Adik Institute of Technology Nerul, Navi Mumbai From 08.06.2020to 12.06.2020.
- Attended “ICT Based Teaching And Learning” an Online FDP Conducted by Sharanabasaveshwar College of Arts,Kalaburagi,Karnataka from 03-06-2020 to 07-06-2020.
- Attended “Artificial Intelligence” an Online FDP conducted by Gayatri Vidya Parishad College for Degree and PG Courses(A) from 22-05-2020 to 26-05-2020.

- Attended “Outcome Based Education Software” an ONLINE FDP conducted by Vmedulife Software Services on 28-05-2020.
- Attended Online Faculty Development Program on “Cyber Security” organised by Department of Computer Science and Engineering Of Swarnandhra College Of Engineering & Technology In Association With Indian Servers during 15th & 16th May 2020.
- Attended “Advance Research Methodology and Innovative Teaching Pedagogy” an Online FDP Conducted by Tulsiramji Gaikwad Patil College of Engineering and Technology from 08-05-2020 to 13-05-2020.
- Attended “MATLAB Project Course on Massive MIMO, Cooperative Communication and Cognitive Radio for 5G” organised by Andhra University, Department of ECE, Visakhapatnam from 06-01-2020 to 11-01-2020.
- Got Certificate for two months NPTEL FDP Course on “EVOLUTION OF AIR INTERFACE TOWARDS 5G” from November 2019 to April 2020.
- Got Certificate for three months NPTEL FDP Course on “CONTROL ENGINEERING” from July 2019 to October 2019.
- Attended one week FDP on “RF Antenna Design for EMC Applications” conducted by NIT Warangal and GITAM University from 28-01-2019 to 02-02-2019.

#### PERSONAL PROFILE:

Father’s Name : A. Chennakesava Rao  
 Date of Birth : 10<sup>th</sup> June 1990  
 Hobbies : Playing and Watching Cricket  
 Gender : Male  
 Nationality : Indian  
 Languages Known : English, Telugu  
 Permanent Address : S/O A.Chennakesava Rao  
 D.No:26-105  
 Venkatakrishna Puram,  
 Pedakakani,  
 Guntur Dist  
 Andhra Pradesh-522509.

**DECLARATION:**

I hereby declare that all the information provided above about me is true up to my knowledge.

Place: Visakhapatnam

Date:

(A. Mahesh Babu)