Resume

Name: Rajapantula Kranthi

Department: E.C.E

Date of Birth: 23.01.1986

Father Name: R Thaviti Babu

Mother Name: Suseela

Reservation Category if Any: BC-B

Address: W/O K. Sankara Rao,
Flat no 412, Sai Vihar Appartments ,
PN Colony,Srikakulam

Mobile Number: 9676771146

Email id: kranthi.rajapantula@gmail.com

Date of Joining in the Institution: 01-06-2012

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph.D.	NIT Warangal	Pursuing	2020
M. Tech (D.E.C.S)	JNTUK, Kakinada	FIRST class with distinction	2011
B. Tech	JNTUH, Hyderabad	FIRST class	2008

Total Years of Experience (Teaching/Industry): 7 Years

Period		Organization/Institution/ Industry	Designation
May 12	Till Date	AITAM, Tekkali	Assistant Professor
Nov 10	Dec 11	SSCE, Srikakulam	Assistant Professor
June 08	Nov 09	SSCE, Srikakulam	Assistant Professor

Areas of Interest:

1. Electronic Devices and Circuits.
2. Switching Theory and Logic Design.
3. Signal and Image Processing.
4. Electronic Circuit Analysis.
5. Optical Communication.
6. EMTL.
7. Microwave Engineering.
8. Antenna and Wave Propagation.

Guidance of Academic Projects: 07

i) Doctoral Projects : -
ii) Masters Projects : -
iii) Bachelor Projects : 09

Sponsored Research Projects: -

S. No.	Sponsoring Agency	Title of the Project	Grant

Funding from external agencies:

S. No.	Sponsoring Agency	Title of the Program	Grant
1	DST ,New Delhi	GIS, RS and Image Processing for Location based services for Everyday Essentials – A Case study on Srikakulam Municipality	3.99 Lakhs

Honors and awards received: -

Memberships of Professional Societies and Other Organizations: -

Other Responsibilities:

1. Bridge Course file Co-Ordinator.
2. Course file Incharge.
3. IQAC Member
4. QEEE Department Co-ordinator (2012-17)

5. Women Counsellor
6. Student Counsellor
7. Student Discipline Member
8. Criteria IX co-ordinator

Details of Book Publications: -

Details of Publications: -

International Journals:

1. "Underwater Vehicle Obstacle Avoidance Using Image Feature Extraction" – IJCEA, Vol 02, Issue 03; July 2011.
2. "High Speed RC4 Algorithm Based on True Dual Port RAM by using Verilog HDL." in 'International Journalof Innovative Technology and Exploring Engineering™ (IJITEE)', Volume-4 Issue 7, December 2014.

International Conferences: -

1. "Underwater Vehicle Obstacle Avoidance Using Image Feature Extraction" (ICNEAC-2011)-SCET, Narsapur.
2. Noise Removal in Cardiac Signal By Adjustable Shadow Digital Filters in INTERNATIONAL CONFERENCE ON ADVANCEMENT IN ENGINEERING & MANAGEMENT (ICAEM'14).

National Conference:-

Details of Conferences / Workshops / Refresher Courses Organized:-

Details of Workshops / Refresher Courses Attended:

Internal:

S. No.	Dates	Name of The Programme	Host Institution
1	19th January, 2013.	A One day workshop on Outcome Based Education	AITAM, Tekkali
2	1st -2nd Mar,2013	Advances in Signal and Image Processing (ASIP-2013)	AITAM, Tekkali
3	8th March,2014	Role of women in today's society-challenges & opporunities	AITAM, Tekkali
4	12th June-2nd August 2014	Pedagogy for Effective use of ICT in Engineering	AITAM,

		Education	Tekkali
5	15th -16th Nov ,2014	Twenty First Century the dawn of Digital Era: Pedagogical Issues of Technical Teachers	AITAM, Tekkali
6	6th Dec,2014	A One day workshop on Outcome Based Education	AITAM, Tekkali
7.	25th Feb -2nd March ,2019	One week FDP on Practical RF Antenna Design with Simulation Studies	NITW
8.	22nd June-26th June,2020	One week FDP on"Technological Advances in Wireless Communication Systems"	AITAM, Tekkali

External: -

S. No.	Dates	Name of The Programme	Host Institution
1	19th & 20th Febuary,2010	Advanced Signal Processing Applications in Electronics and Telecommunications	GMRIT, Rajam.
2	26th & 27th November,2010	FPGA Based DSP Implementation Using XILINX	GMRIT, Rajam.
3	18th & 19th November,2011	Advanced Communication Systems and Networks	GMRIT, Rajam.
4	28th Febuary & 1st March,2014	VLSI Applications to RADAR & Image Processing	GMRIT, Rajam.
5	16th June,2020	Paticipated in Webinar on OUTCOME BASED EDUCATION	IEEE -ASCET
6	18th June,2020	Paticipated in Webinar on MEMS Sensors	IEEE -ASCET
7	22nd June,2020	Paticipated in Webinar on Image Noise Reduction Systems	IEEE -ASCET
8	29th June,2020	Paticipated in Webinar on Evolution of IT(Beyond Automation)	IEEE -ASCET

Other Achievements:

1. Received 1st Prize and a certificate of appreciation for social service in 3rd standard at ST. JOSEPH'S GIRLS HIGH SCHOOL, Waltair R.S, Vishakhapatnam.
2. Participated in Circuit Innovation entitled with Mobile Phone Battery Charger in KNACK EVINCE'2K6' at GMRIT, Rajam.
3. Participated in Circuit Innovation entitled with A Simple Directional Detector/Counter in KNACK EVINCE'2K6' at GMRIT, Rajam.
4. Participated in paper presentation in National Level Student Technical Paper Contest & Exhibition (STEPCONE-07) entitled with Evolution of 4G Communication Systems.

5. Received a Letter of Appreciation for securing highest attendance in 4th year of B.Tech. ,Degree in Department of Electronics & Communication Engineering during the year 2007-2008.
6. Ratified as Asst. Professor in March 2013 in JNTUK selections.
7. Qualified GATE 2014.
8. Received 2nd prize in Tennicoit during AITAM Intramural Games & Sports meet held in March,2014.
9. Received 2nd prize in Throwball,100mts Running,Shotput & Shuttle during AITAM Intramural Games & Sports meet held on 19th March ,2013.
10. Qualified for Assisstant Professors for UGC-NET.
11. Sucessfully completed the course of Building Arduino robots and devices in COURSERA
12. Sucessfully completed the course of AI for Everyone in COURSERA
13. Participated in participated in the "Quiz on Analog Electronics" conducted by the Department of ECE , GMR Institute of Technology on 13-6-2020 and secured 76% score.
14. Participated in participated in the "Quiz on Electromagnetic Fields and Waves" conducted by the Department of ECE , GMR Institute of Technology on 6-6-2020 and secured 76% score

Signature