

RESUME

Name: KSNVSOMESWARA RAO

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Youtube channel: <https://youtube.com/@somesh.k?si=F5xzLYa-dzh-DV1n>

CAREER OBJECTIVE: To secure a challenging position where I can effectively contribute my skills as a Good academician.

EDUCATIONAL QUALIFICATIONS:

Qualification	Discipline/ Specialization	School/college	Board/ University	Year of Passing	%
PhD Pursuing	ECE	Bharatiya Engineering science and Technology innovation University		2024 Registered	
M.Tech	EMBEDDED SYSTEMS	SRI VASAVI ENGG COLLEGE,	JNTUK	2010	66.7%
A.M.I.E	Electronics and Communication Engineering	_____	INSTITUTION OF ENGINEERS	2004	62.2%
DIPLOMA	E.C.E	ANDHRAPOLYTECHNIC	SBTET	2001	69.04%
S. S. C	S.S.C	M.G SCHOOL	SSC	1998	77%

TECHNICAL SKILLS : Python

: Numpy

:Pandas

:Matplotlib

:Turtle

:Embedded C

TEACHING EXPERIENCE: ---12 Years

- i) working as an assistant professor in ECE Dept in DADI INSTITUTE OF ENGG & TECHNOLOGY, ANAKAPALLE from 2018 may 10 to till date
- ii) worked as an assistant professor in ECE Dept TIRUMALA ENGINEERING COLLEGE college from 2-2-2015 to 9-04-2018date.
- iii) worked as an assistant professor in ECE Dept in DADI INSTITUTE OF ENGG & TECHNOLOGY, ANAKAPALLE from 2011 may 16 to MAY 10 2014

PROFESSIONAL SOCIETY MEMBERSHIP DETAILS:

PROFESSIONAL SOCIETY	MEMBERSHIP DETAILS	MEMBERSHIPTYPE
INSTITUTION OF ENGINEERS	AM1293322	LIFE TIME

SUBJECTS TAUGHT:

- 1 ELECTRONIC DEVICES AND CIRCUITS**
- 2 PYTHON**
- 3 MICROPROCESSOR AND INTERFACING**
- 4 ELECTRONIC CIRCUIT ANALYSIS**
- 5 EMBEDDED SYSTEMS**
- 6 EMWTL**
- 7 SIGNALS AND SYSTEMS**
- 8 LINEAR IC APPLICATIONS.**

ACIEVEMENTS:

- 1. IET PROFESSIONALMEMBER NATIONAL LEVEL AWARD IN 2013.**
- 2. Developed E Content in APSCHELMS.**
- 3. Acted as a Mentor for AICTE Viswakarma awards 2020,students selected for Final round**

OTHER SKILLS :

- 1. Ability to develop practical programs on AT89C51**
- 2. VEDIC MATHEMATICS**

PUBLICATION DETAILS

1. Mobile based system control (International journal of all research education and scientific methods JULY 2020, ISSN:2455-6211 VOL8,ISSUE 7 Page 198-201)
2. Identifying selective forwarding attacks in wireless sensor networks using multiple Resources(International journal of management technology and engineering MARCH 2019 VOL9 ISSUE3)
3. GPS Based vehicle tracking system using WIFI Module(International Journal of Management, Technology And Engineering Volume IX, Issue I, JANUARY/2019 ISSN NO : 2249-7455 Volume IX, Issue I, JANUARY/2019 Page1961-1965)
4. Implementation of Discrete Fourier Transform Core using NEDA(ISSN 2321 3361 International Journal of Engineering Science and Computing, April 2017 volume 7 issue 4 Page 6326-6329)
5. An Enhanced Approach for Low Bit Rate Image Compression Using Autoregressive Modeling (IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 3, Issue 5 (Nov. – Dec. 2013), Page 43-49)
6. Structural Analysis and Identification of Genomic and Proteomic Sequences Using Signal Processing Techniques (IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 3, Issue 3 (Sep. – Oct. 2013), Page 44-52)
7. Comparison of edge detection by using ant colony optimization and morphological operation(International conference on human computer interactions (ICHCI'13)-IEEE 2013)
8. Analysis of Estimation in Time Delay using Klobuchar Algorithm(CIIT -Digital Signal Processing, Vol 6, No 3)
- 9. Wide Range Data Transmission In Deep Water Sensor Network With Waves Via Wireless, 2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE)----SCOUPUS INDEXED**

MOOCS DETAILS

- 1. Python basics for Data sciences --IBM-edx**
- 2. Analyzing Data with Python ---- IBM-edx**
- 3. Problem solving Through Programming in C---IITKGP-NPTEL**
- 4. Microprocessors and Micro controllers---- IITKGP-NPTEL**

PERSONAL DETAILS:

Permanent address	DOOR NO:4-101 MADURANAGAR KAKINADA-533004 KAKINADA DISTRICT(AP)
Languages known	TELUGU ENGLISH
Mobile	7032051280

DECLARATION:

I hereby declare that the particulars furnished in the resume are true to the best of my knowledge and belief.

(K.S.N.V.SOMESWARARAO)

