

FACULTY PROFILE

K. V. VENKATESWARARAO

Department: Internet of Things
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Address for Communication College Address:

K. V. Venkateswara Rao
Assistant Professor,

IoT Department,

S.R. Gudlavalleru Engineering College,

Gudlavalleru, Krishna District,

Andhra Pradesh: 521356.

Permanent Address:

K. V. Venkateswara Rao
s/o K.Yedukondalu,

D No: 2-27, Yadavapuram,

Beside Ramalayam Temple,

Pamarru, Krishna District,

Andhra Pradesh: 521157.

Academic Qualifications

S. No	Name of the Degree	University	Percentage of Marks/Grade	Specialization	Year of Pass
1	M.Tech	JNTUK	8.13	VLSI&ES	2018
2	B.Tech	JNTUK	8.25	E.C.E	2016
3	Diploma	State board of technical Education	89.89	D.E.C.E	2013
4	SSC	Board of Secondary Education	80.5	-	2010

Professional Experience:

S. No.	Designation	Institution Name	Working Period	
			From	To
1	Assistant Professor	S.R. Gudlavalleru Engineering College	02-06-2023	Till date
2	Assistant Professor	S.R. Gudlavalleru Engineering College	18-11-2019	30-07-2022

Professional Body Membership:

S. No.	Name of the Professional body	Membership Number
1	IEEE, Internet of Things Community (IEEE)	94035614

Patents Published No.: 01

- 1) Dr. MhRagendra Prasad, 2.Dr.Y.Syamala 3.Dr. K Srilakshmi4.**Mr.K V Venkateswara Rao**5.Mr. Bolem Vamsy Krishna 6.Ms.Sree lakshmi Vadlamudi 7.Mr.P.Rama Krishna 8.Mr.Rohith Bala Jaswanth B 9.Dr.AdlinSheeba 10.Ms. Deepa Nair11.Dr. Bijayananda Mohanty "IOTBASED SMART HOME MODEL FOR ASSISTING ELDERLY PEOPLE", The Patent Office Journal No. 27/2022 Publication Date 08/07/2022

Papers Published in Journals No.: 02

- 1) Dr. T. Ananda Babu, K. V. Venkateswara Rao, Dr. D. Krishna, Y. Mamillu1"Classification of Mental Stress during Public Speaking using Electroencephalography Signals "Journal of Huazhong University of Science and Technology, Volume 50, Issue7, 2021. ISSN-1671-4512(**Scopus indexed**).
- 2) MS Charan, **K.V. Venkateswara Rao**, A Rajasekhar "Wide band multi stage eight way Wilkinson power divider for defense applications" International Journal of Engineering & Technology, Volume7, Issue3, 2018. (Scopus indexed) <https://tinyurl.com/yxdb3r2g1304-1307>

Papers Published in Conferences No.:02

- 1) T. Ananda Babu, S. Ravi, **K.V. Venkateswara Rao** and Y. Mamillu, "Analysis of Mental Task Ability in Students based on Electroencephalography Signals," IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES-2022), Thiruvananthapuram, Kerala, 10-12 March 2022.
- 2) G. Kishore, N. Balaji, **K.V. Venkateswara Rao**. "Area-Power Efficient Radix-8 Booth Multiplier for Lifting Scheme DWT". International conference on research advancements in applied engineering sciences, computer and communication technologies. Icaaesct-2018. ISBN:978-81-937041-9-6.

Workshops/Conferences/Seminars Attended No.:24

- 1) Participated in Cluster Level Swachata action Plan Workshop initiative of Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education, Government of India in Association with District Collector. On 29 August 2021.
- 2) A National Level Webinar On “Essentials of academic Research Tools in Paper Writing” organized by Dept of ECE & R&D, PACE Institute of Technology & Sciences on 08-07-2021.
- 3) Participated in AICTE sponsored online short-Term Training program on “FPGA based Digital System Design with HDL” organized by Dept of ECE, Vel Tech Multi Tech from 28-06-2021 to 03-07-2021.
- 4) One Week Online FDP on “Internet of Things – A Hands On Approach” Organized by Dept of CSE, SRKR Engineering College from 31-8-2020 to 04-09-2020.
- 5) Participated in AICTE sponsored online short-Term Training program on “Blockchain Architecture Design and Use Cases” (Decentralized Network Synchronization) Phase-III organized by Dept of ECE, Gudlavalleru Engineering College from 24-08-2020 to 29-08-2020.
- 6) Participated in AICTE sponsored online short-Term Training program on “Blockchain Architecture Design and Use Cases” (Decentralized Network Synchronization) Phase-II organized by Dept of ECE, Gudlavalleru Engineering College from 17-08-2020 to 22-08-2020.
- 7) One Week Online FDP on “Outcome Based Education – A Continuous Quality Improvement of the Program” Organized by Dept of CSE, S R K R Engineering College from 17 to 21 AUGUST 2020.
- 8) Participated in AICTE sponsored online short-Term Training program on “Blockchain Architecture Design and Use Cases” Phase-I organized by Dept of ECE, Gudlavalleru Engineering College from 10-08-2020 to 15-08-2020.
- 9) A National Level Webinar On “Intellectual Property Rights & Patents - A View” Organized by IQAC, Gudlavalleru Engineering College, Gudlavalleru held during 10-12 August 2020.
- 10) A National Level Webinar On “NAAC Assessment and Accreditation Process” organized by IQAC, Acharya Nagarjuna University, Guntur on 28-07-2020 in Association with NAAC, Bangalore.
- 11) One Week Online FDP on “Cyber Security” Organized by Dept of CSE & IT, Gudlavalleru Engineering College, Gudlavalleru from 22-26 July 2020.
- 12) A National Level Webinar On “Role of Technology during COVID-19” organized by Dept of ECE, RISE Krishna Sai Prakasam Group of Institutions, Ongole in association with IETE chapter on 17-07-2020.
- 13) A National Level Webinar On “Internet of Things (IoT) - Applications” organized by Dept of Electronics, Andhra Loyola College in Association with Ramson Tech Labs on 12-07-2020.
- 14) One Week International Online Knowledge Development Program on “Challenges and Advancements in the Design of IoT, Embedded and VLSI Systems: A Researchers View” organized by Dept of ECE, Gudlavalleru Engineering College from 08-06-2020 to 13-06-2020.
- 15) Webinar on “Impact of COVID in Engineering Education & Way forward” organized by ISTE chapter, Gudlavalleru Engineering College, Gudlavalleru on 9-06-2020.
- 16) One Week Online FDP on “Recent Trends and Future Applications in Electronics and Communication Technologies” organized by Dept of ECE, MLR Institute OF Technology, Hyderabad from 29-05-2020 to 02-06-2020.
- 17) Three days Online FDP on Internet of Things (IoT) organized by Dept of ECE, Lendi Institute of Engineering & Technology on 27-05-2020 to 29-05-2020.
- 18) One Week Online FDP on “Artificial Intelligence and its Applications” conducted by Dept of CSE, Rama Chandra College of Engineering, Eluru from 25-May to 30-May-2020.
- 19) Attended a AICTE Sponsored Two Week FDP on “Data Science and Analytics through Python & R Programming” organized by Dept of IT, Gudlavalleru Engineering College, Gudlavalleru during 27-01-2020 to 08-02-2020.
- 20) Attended a One Week FDP on "Data Acquisition and RT using LabVIEW" from 25-30 Nov 2019 at Gudlavalleru Engineering College, Gudlavalleru.

- 21) Attended a One Week FDP on “ASIC/FPGA Design& Its Applications” From 05 to 17 august 2019 at SRKR Engineering College, Bhimavaram.
- 22) Attended a Two-Week FDP on “Digital Image Processing for Medical Images” From 24 to 29 June 2019 at SRKR Engineering College, Bhimavaram.
- 23) Attended the two-day workshop on “GRAPHICAL SYSTEM DESIGN” at V.R.Siddhartha Engineering College, Vijayawada, during 6-7 October-2016.
- 24) Attended a one-day workshop on “INTRODUCTION TO INTERNET OF THINGS” at V.R.Siddhartha Engineering College, Vijayawada, on 25 September-2016.

Certifications/Training Programs Attended No.:05

- 1) Participated& Completed Successfully AICTE Training And Learning(ATAL) Academy Online FDP on “Internet of Things (IoT)” from 2020-09-07 to 2020-9-11 at National Institute of Technical Teachers Training and Research(MHRD).
- 2) Two Week Online Crash Course on “Embedded Systems & It’s Applications” from 09-07-2020to18-07-2020conductedbyDataTechLabs.
- 3) OneWeekOnlineTrainingprogramon“PCBDesignandPrototypeDevelopmentProcess” conducted by Enth Academic Solutions India Pvt Ltd from May 19,2020-May23,2020
- 4) Attended the three days training program on “Overview on latest Telecom Technologies” conducted by “BSNL Krishna SSA” from 05-03-15 to 07-03-15.
- 5) Intern at “MICROLINK Peripheral Controls Pvt.Ltd” in Embedded systems for a periodof6-months as a part of my diploma course.

NPTEL Certifications:

- 1) Digital Circuits
- 2) Internet of Things
- 3) Microprocessor and controllers

Projects guided:

- 1)Smart Energy Meter for Electric vehicle

Subjects Handled:

Electronics measurements and instrumentation, Low power VLSI circuits

Labs Handled:

- 1) Electronic Workshop
- 2) VLSI
- 3) Analog and digital communications
- 4) Analog Circuits
- 5) Electronic Devices& Circuits.

Extra-Curricular Activities:

- 1) Participated in Project expo competition in “AFOSEC’15” college level in V.R Siddhartha Engineering College.
- 2) Participated in Project expo competition in “Technofest2k15” conducted by P.V.P Siddhartha Institute of Technology.

Declaration

I here by declare that all the above-furnished information is correct to the best of my knowledge.

Date:02-06-2023

Signature

Place: Pamarru

K.V.Venkateswara Rao