

SOUMYA JOLAD

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PROFESSIONAL SUMMARY

Dedicated and accomplished Assistant Professor with **5.5 years** of experience in teaching, research, and mentoring students in the **Electronics and Communication** domain. Research area is Signal Processing, with a focus on the applications of Deep Learning and Data Analytics. Published research papers in recognized and reputable conferences and journals, showcasing a commitment to impactful research. Qualified the **Karnataka State Eligibility Test (KSET)**, demonstrating academic excellence. Adept at fostering a collaborative learning environment and driving academic excellence through research and practical applications.

EDUCATION

Master of technology(M.tech)

Specialization : Digital Communication

Branch : Electronics and Communication Engineering

Institute : Basaveshwara Engineering College, Bagalkot.

August 2014 - January 2016

CGPA – 9.26

Bachelor of Engineering (B.E)

Branch : Electronics and Communication Engineering

Institute : Tontadarya College of Engineering, Gadag.

August 2010 - May 2014

67.42%

RESEARCH INTERESTS

My initial research has been in the area of Speech Processing. I am now working on applications of Deep Learning and Data Analytics.

ACADEMIC EXPERIENCE

Assistant Professor, KLEIT, ECE Dept., Hubballi.

August 2016 - August 2021,

August 2024 – Till date.

- I have taught Network Analysis, Signals and Systems, Digital Communications, Probability and Random Processes, Digital System Design using Verilog along with this I handled labs related to the subjects.
- Organized and conducted departmental technical fests, seminars, and workshops to enhance practical exposure for students.
- Served as the **Contineo Coordinator**, ensuring effective academic and administrative coordination.
- Guided students on innovative projects, resulting in the publication of IEEE research papers

TECHNICAL SKILLS

- Programming & Tools: MATLAB, Python, DAX, VHDL, Power BI
- Research Tools: LaTeX, MS Office Suite
- Other Skills: Curriculum Design, Academic Administration

PUBLICATIONS

Journals

Soumya Jolad, Shridhar S. K. "Speech enhancement using spectral subtraction technique with minimized cross spectral components" IJRET Journal, Volume 5, Issue 03; March 2016.

Conferences

- S. Jolad and Shridhar, "Speech enhancement using DFT and DHT with reduction of cross spectral terms," *2016 International Conference on Signal and Information Processing (IConSIP)*, Nanded, India, 2016, pp. 1-4, doi: 10.1109/ICONSIP.2016.7857453.
- S. Grampurohit, V. Shalavadi, V. R. Dhotargavi, M. Kudari and S. Jolad, "Brain Tumor Detection Using Deep Learning Models," *2020 IEEE India Council International Subsections Conference (INDISCON)*, Visakhapatnam, India, 2020, pp. 129-134, doi: 10.1109/INDISCON50162.2020.00037.
- S. S. Kanagond, S. S. Huddar, S. H. Hoolageri, V. Kapatakar, R. L. Itagi and S. Jolad, "Smart assistive device for senior citizens," *2020 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER)*, Udupi, India, 2020, pp. 42-46, doi: 10.1109/DISCOVER50404.2020.9278083.